REÇBER

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RECBER

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REÇBER

We are proud of building life veins of Turkey
in the field of Communication.

About Us

Reçber Kablo was founded in 1984. It realizes production of Data&Lan cables, Audio& Video cables, Camera cables, Communication (Telephone) cables, fire alarm cables, Signal Control cables, Fire-resistant cables, Silicon cables and special type cables, in addition to coaxial cable production.

In its production facility with 20,300 m² indoor area within an outdoor area of 30,000 m² in Türkgücü Organized Industrial Zone, it operates with its 47 White-collar and 149 Blue-collar employees.

It makes %59 its sales to the domestic market and remaining %41 to 25 countries in total, particularly European countries, including Middle East and Eastern Block countries.

Its CAI (U.K), EN-50117, TSE, VDE (DE), GHMT (DE) and TSEK product certificates as well as IS0 9001 system certificate is the quality symbol of its products.

While continuing its activities with its 33 years of experience, Reçber Kablo makes no concessions of the high quality it provides its customers with, and increases its prestige by making a difference also in the foreign market thanks to the leading investments it makes.

HISTORY

1984 Started its activities in the field of power cable.

1997 Initiated its Coaxial Cable production activities, and became one of the significant companies in the low voltage sector in a short time.

2008 Thanks to the pioneering investment made in the field of Data&Lan cables, it started producing high frequency LAN cables as of 2014, and became one of a few leading producer companies that provides service in this field in Europe.

2015 Started its production activities in its new production facility with 20,300 m² indoor space within the outdoor space of 30,000 m² in Çorlu-Türkgücü Organized Industrial Zone.

2017 Always acting with the philosophy of new investment and new markets, Reçber Kablo continues its investments in order to provide its customers with the better, without slowing down.

Vision

Targeting constant development by closely following the state-of-the-art technology with its staff that adopted the principle of customer satisfaction, turning high quality production activities into customer satisfaction and timely and completely fulfilling our customers needs and finally becoming the leader organization in the sector constitute our vision.

Mission

Being a brand that respects, applies and supports application of the commercial, ethical and legal rules, targeting to develop its customers, employees and all stakeholders it is in relationship and becoming a dynamic organization that adopted Total Quality understanding is our mission.

Our Values

Our fundamental philosophy is 100% customer satisfaction. Our primary priority is to provide our domestic and foreign customers with the highest quality products and services. Our ability to provide our customers with the highest quality products and services stems from considering our employees as the main constituent of our organization. We evaluate high business ethics, developed sense of justice and integrity principles as the main criteria for our employees. Promoting efficiency, productivity and effectiveness, our organization always aims to set an example for its competitors and the other organizations. In order to closely follow the developments that technology brought to our life and building a transparent and friendly communication with our solution partners, market and customer by effectively making use of all communication devices are our indispensable principles. Continuing our activities by developing the transparent and modern management understanding and dynamic business model is one our most important priorities.

Message from the General Manager

OUR FUTURE – No Plans! But Dreams!

As Reçber Kablo, we have been one of the most important constituents in the low voltage sector in a short while. We achieved our stabile progress by adopting the principle of excellent customer satisfaction, in the light of the state-of-the-art technology. Our objective is to become one of the best low voltage cable manufacturers both in Turkey and in the world. Our motto is high quality production activities and our business partners' trust in us.

Together with our entire staff, we have build our achievements on our dreams since our foundation. We have taken firm steps forward with the belief that dreams can be made true.

Our commitment is to show a different REÇBER at each of your visits!

REÇBER, beyond your needs, within your dreams...

Best regards,

Keleş Reçber
Reçber Kablo General Manager

Cable Production Materials

We progress in the way of becoming a solution partner by producing high quality products to meet the expectations, in production facilities with ISO 9001 quality system certificate.

Conductive Materials
Annealed Copper
Tinned Copper

The Most Common Insulation Materials
PVC (Polyvinyl chloride)
HFFR (Halogen Free Flame Retardant)
PE (Polyethylene)
PP (Polypropylene)
Silicon

Knit & Protection
Annealed Copper
Tinned Copper
Aluminum

Sheath Materials
PVC (Polyvinyl chloride)
HFFR (Halogen Free Flame Retardant)
PE (Polyethylene)
Silicon

REÇBER

Our Products

- Coaxial & CCTV Cables
- Data LAN Cables (Local Area Network)
- Signal Control Cables
- Silicon Cables
- Data Communication Cables
- Fire-Resistant Cables
- Control Cables

Coaxial & CCTV Cables

By making use of physical foam insulation technology, 75 ohm characteristic impedance cables are used in accordance with EN 50117 standards, in Cable TV, individual-central antenna and satellite distribution systems and CCTV security camera systems, in internal and external applications.

CATV (Community Antenna Television) : Cable TV
MATV (Master Antenna Television System) : Central TV distribution system
SMATV (Satellite Master Antenna) : Satellite TV distribution system
CCTV (Closed-Circuit Television) : Closed Circuit TV system

Mini U Series	2xMini U Series	CCTV RG 59 Mini Series
RG 59 U Series	2xRG 6 U Series	CCTV RG 59 U Series
RG 6 U Series	RGB 5HV	CCTV RG 6 U Series
RG 11 U Series	RG 58 C/U	
HDV Series	RG 174	
DSR Series	RG 213 U	
TRB Series	RWC Series	

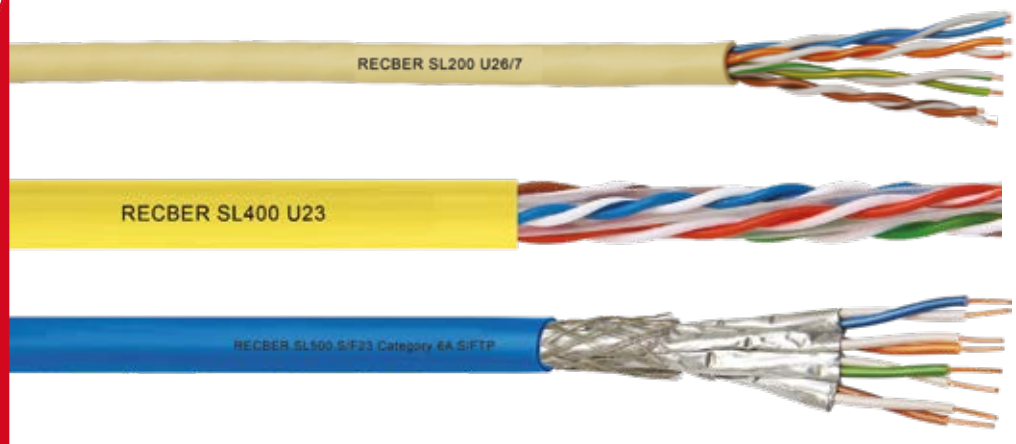
Annual production capacity of 120 million meters.
Leader in the sector, pioneer in quality...

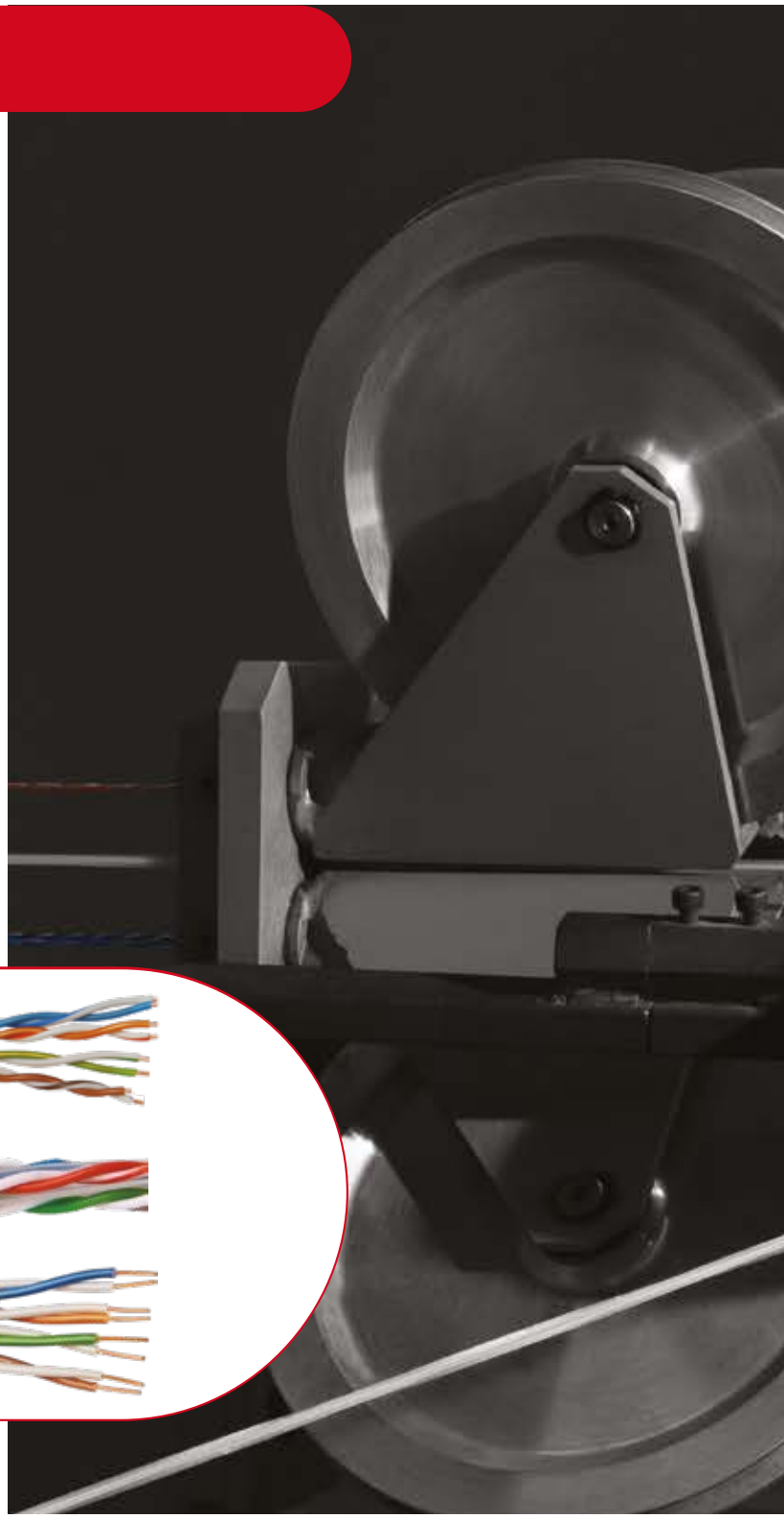
LAN Cables (Local Area Network)

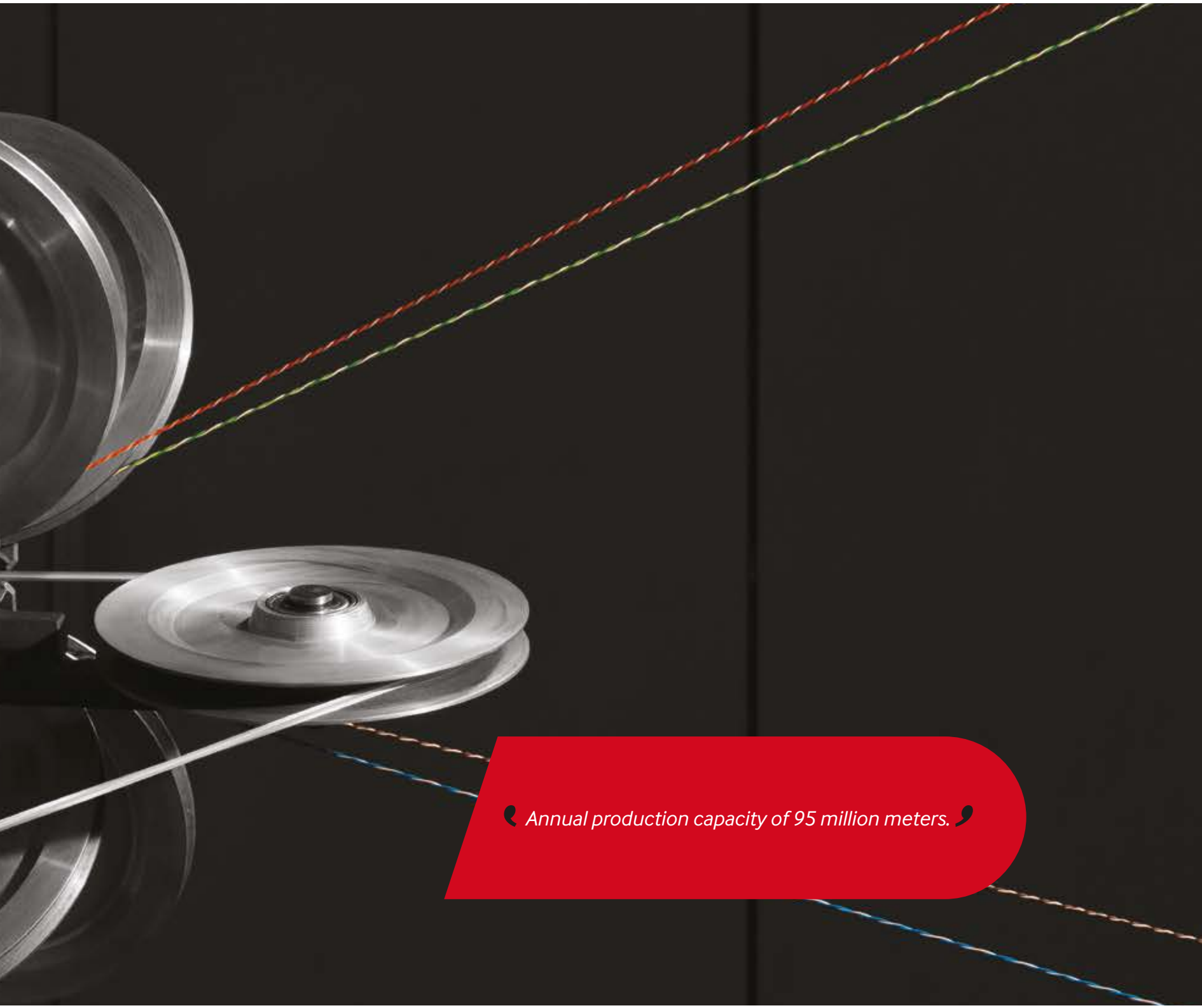
These are the local network cables designed for signal transmission in data applications, information communication systems, either at home or in commercial organizations. These cables connect cable devices to the local network for file sharing and internet access.

Produced in accordance with IEC 61156 standard, LAN cables cover cables that are screened separately, screened commonly and not screened at all.

SL 1500 S/F22 (CAT 7A S/FTP)
SL 1200 S/F23 (CAT 7A S/FTP)
SL 900 S/F23 (CAT 7A S/FTP)
SL 500 U/F23 (CAT 6A U/FTP)
SL 500 S/F23 (CAT 6A S/FTP)
SL 500 F/F23 (CAT 6A F/FTP)
SL 400 U23 (CAT 6 U/UTP)
SL 400 SF/U23 (CAT 6 SF/UTP)
SL 400 F/U23 (CAT 6 F/UTP)
SL 200 U26/7 (CAT 5e U/UTP)
SL 200 U24 (CAT 5e U/UTP)
SL 200 SF/U24 (CAT 5e SF/UTP)
SL 200 F/U24 (CAT 5e F/UTP)






Annual production capacity of 95 million meters.

Data Communication Cables

Used in digital applications, this sort of cables effectively ensure high speed data communication in industrial automation applications.

PROFIBUS FC
PROFIBUS-DP
EIB BUS


Annual production capacity of 3 million meters.
We are here for fast and efficient communication...

Control Cables

These cables are designed to be used in Industrial machines
Cooling and air-conditioning systems, Conveyor and carrying systems,
Wet, dry and humid environments Places with low mechanical forces.

RC-310 JB/YSLY-JB 300/500
RC-450 Y-CY JB/YSLYCY-JB 450/750 V
RC-350/YSLY-JZ
RC- 350 Y-CY/YSLYCY-JZ
RC-350 CY/YSLCY-JZ
RC-350 H/HSLH-JZ
RC-350 H-CH/HSLHCH-JZ
RC-300/NLSY
RC-300 CY/NLSCY
RC-475/H05VV5-F
RC-475 Y-CY/H05VVC4V5-K


Annual production capacity of 3 million meters.

Signal Control Cables

Designed with PVC or HFFR sheath, depending on the areas of use and purpose, these cables are used in industrial electronics, computer and office machines, communication, audio and security systems with in the buildings.

LIYY	LIY(St)Y
LIHH	LIH(St)H
LIYY-TP	LIY(St)Y-TP
LIHH-TP	LIH(St)H-TP
LIYCY	LIY(St)CY
LIHCH	LIH(St)CH
LIYCY-TP	LIY(St)CY-TP
LIHCH-TP	LIH(St)CH-TP


Annual production capacity of 10 million meters.

Silicon Cables

Resistant against low and high heat, these cables are used in the industry as feeding cable.

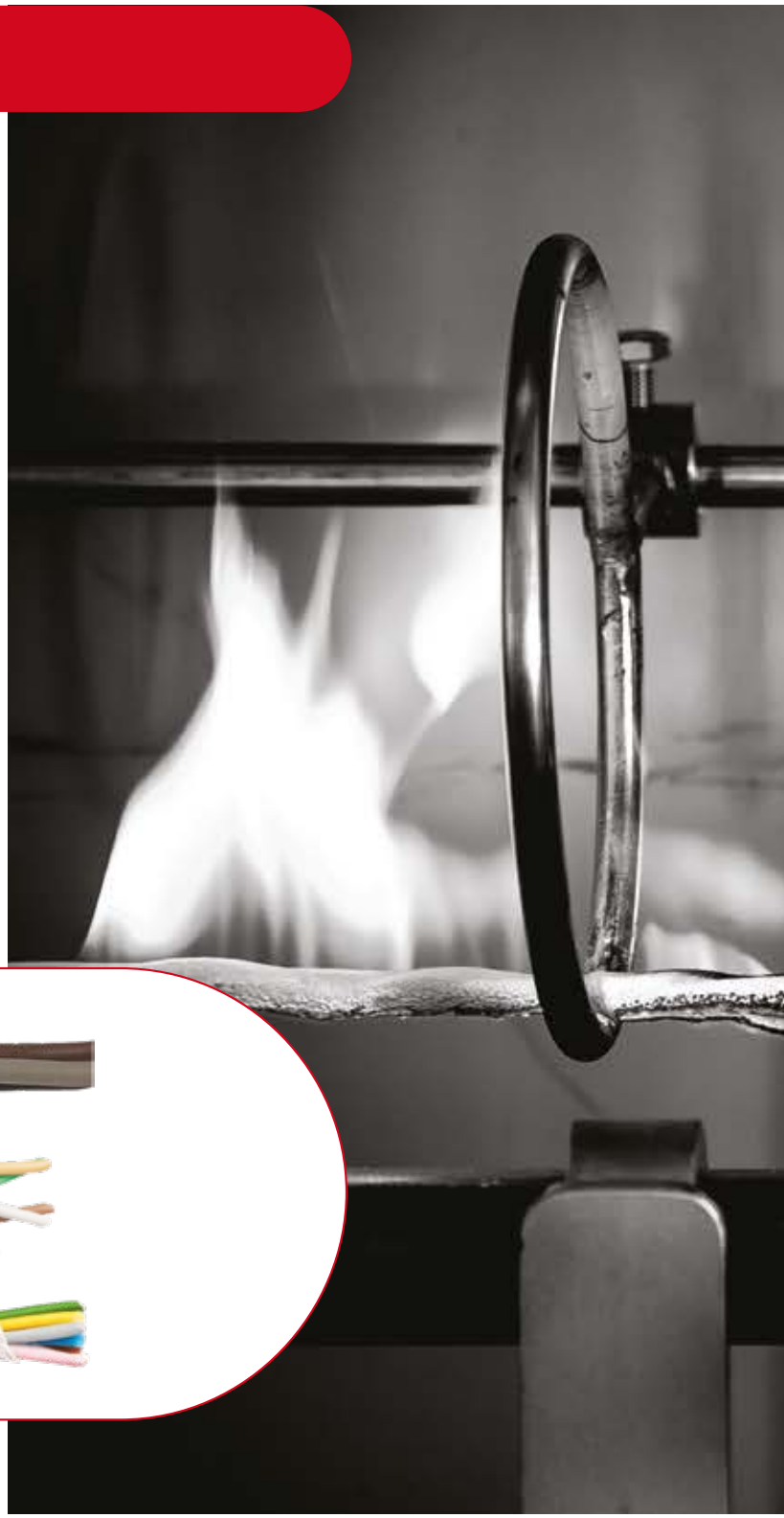
SIMH
SIHF
SIMH-C1
SIMH-C2


Annual production capacity of 2 million meters.

Fire-Resistant Cables

Able to sustain their functionality under fire conditions throughout the period specified, these cables are used in Shopping Malls/High buildings/Theaters/Movie theaters/railway stations/Metro and underground tunnels/Schools/Airports/Hospitals, etc.

LIHH FE180 PH120
LIHH-TP FE180 PH120
LIHCH FE180 PH120
LIHCH-TP FE180 PH120
LIH(St)H FE180 PH120
LIH(St)H-TP FE180 PH120
LIH(St)CH FE180 PH120
LIH(St)CH-TP FE180 PH120




Annual production capacity of 9 million meters.


We are working to shed light on the infrastructure of the future.

Responsibility

Our employees are our future. Investing in them and contributing to their development are amonf our priorities.

Innovation

Innovation and constant improvement are our principles. We always aim at the best with respect to products, technology, processes and services.

Expertise

Information is valuable, when shared. We are determined to become our stakeholders' strategic partner, with respect to transferring our knowledge and experiences.

Quality

Reçber Kablo adopted the principle of meeting the requirements of human, work, product and service quality that are used to meet the customers' needs, with a systematic approach and contribution of all employees.

In order to ensure its sustainability and for constant improvement, it established and has been applying ISO 9001 quality management system that is an international management standard.

Realizing its productions by taking the national and international standards as reference, Reçber Kablo realizes all checks and tests in its own modern laboratory. The process from input checks to the final check is followed by expert staff, and all results are recorded in EPR program. Reçber Kablo certified its products from TSE, TÜV, VDE, GHMT, EAC institutions and guaranteed them.

R&D

It makes design according to the National and International standards, with a team of experts. Knowing that need for new products may emerge as technology advances, R&D team follows up the developments in the sector. They constantly makes researches on machines and raw materials in order to continuously improve the quality.

Production

Reçber Kablo realizes cable production in its modern production facility, with a professional team of experts. Every stage of the production process is followed up and controlled through modern devices.

Products, of which conformity is approved as a result of the controls, pass to the next stage. Cables, of which production is completed, are subjected to tests and controls in the production site and laboratories, by taking the relevant standards as reference. Products, of which quality conformity is approved, are approved to be shipped.

Sales

Domestic

Developing successful sale strategies requires understanding the business world and customers. It aims to prepare the quotation requests received as soon as possible and to offer them to the business partners.

Pre- and after-sale support is a part of the sales activities. It has a sales network covering the entire country with its professional sale team and a strong dealers network.

Export

With its structure that makes no concessions on quality, Reçber Kablo is the strategic partner of the renowned companies in 25 countries, particularly European countries and also including Middle East and Eastern Block countries.


JUNGHEINRICH
JUNGHEINRICH

Logistic

Reçber Kablo carries out is logistic activities in a separate building with 3000 m² indoor space within its facilities located in Organized Industrial Zone, Çorlu Türkgücü. In addition to standard packaging, it also makes packaging based on the customers' requests and makes the shipments accordingly.

Construction Products Regulation Technical Manual

CPR 305/2011/AB

CPR Construction Products Regulation 305/2011/AB

Purpose of the regulation is to set the rules of issuing the performance declarations regarding the main characteristics of the construction products and adding CE mark to the materials and to determine the terms and procedures for supplying the construction products to and keeping them in the market.

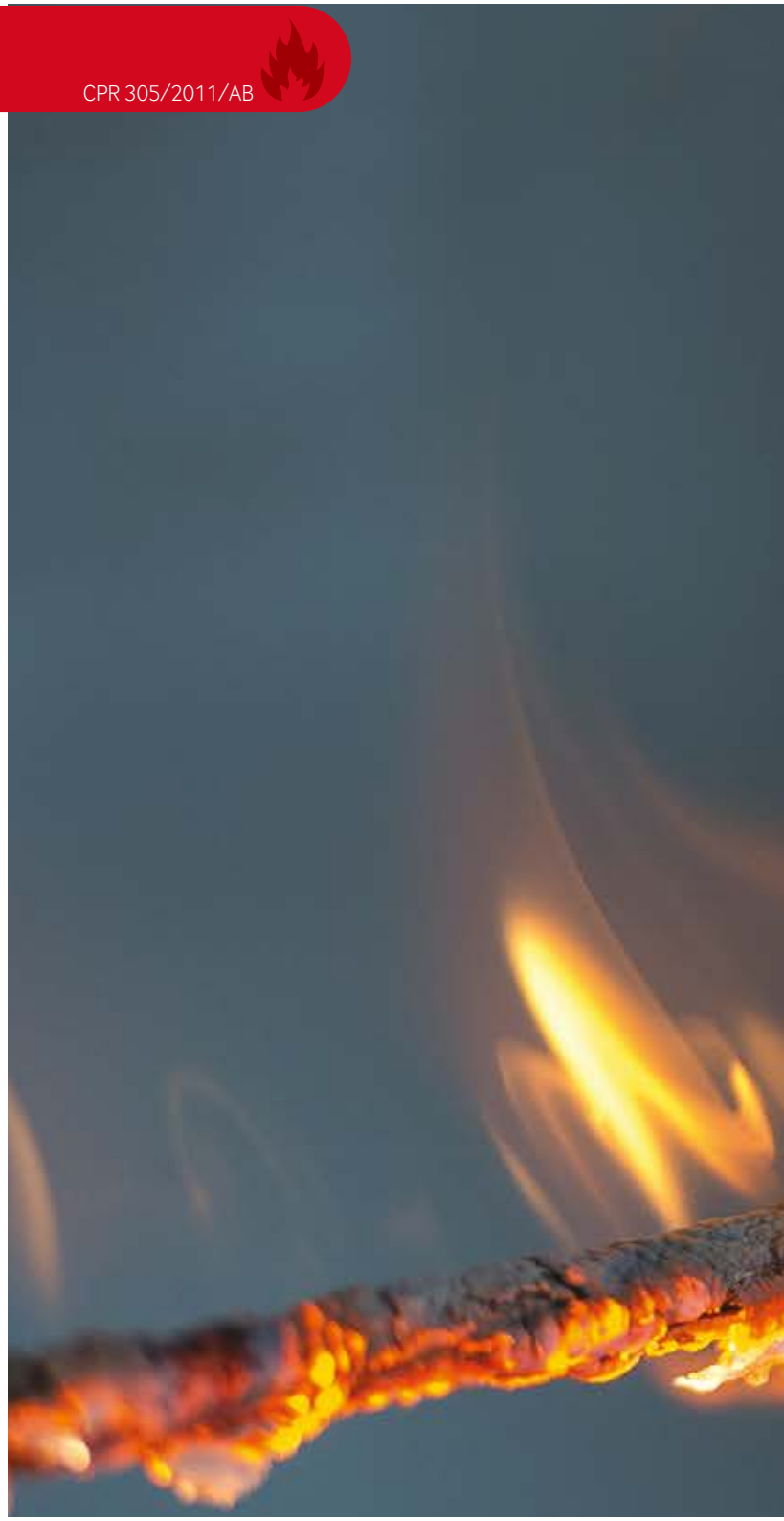
Fires in the buildings result in several deaths due to gas and smoke poisoning. Average period from the start of fire to flashover (ignition of paralysis gases) rapidly reduced within a few dozens of years. Because it reduced 15 minutes in 1950s, to 5 minutes around 1985 and to 3 minutes in 2010, the period of evacuating the building also reduced significantly. These developments encouraged the manufacturers of construction materials to constantly make technological developments and to increase their fire performance.

In the buildings that are currently built, cables are one of the materials that are used in high quantities. For the purposes of limiting generation of flames and smoke and their spread to the other buildings at the moment of a fire within the building, reducing losses of life and property, ensuring that people are safely taken out of the fire scene, on March 9, 2011, with the decision of the European Parliament and European Council, power, control and communication cables used in the fixed installation within any building including infrastructure are included in the scope of the CPR.

CPR leaves it to the responsibility of the countries to determine the performance and safety classes of the cables, instead of imposing a requirement regarding the performance level of the cables to be used in the buildings. It is the Ministry of Environment and Urbanization's responsibility to regulate and inspect the Regulation. Reaction performance of the cables against fire is regulated at the national level. Depending on the building type, properties and usage area, the class that the cables need to meet at minimum is determined according to EN 13501-6. CPR does not state which performance class must the cable meet. However, it states which criteria the cables' reaction performance against fires must meet. Nevertheless, it makes it mandatory to declare the fire reaction performance of the cables and CE marking.

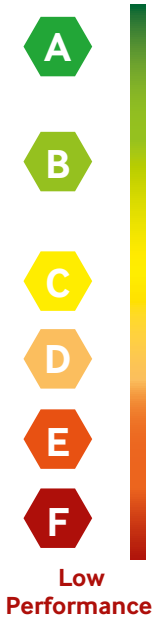
The regulation transition process shall commence as of July 1, 2016 and shall be mandatory as of July 1, 2017 by the latest. The Regulation leaves the transition period to the responsible institutions of the states. Thus, the responsible institution can initiate the process with the circular to be published before July 1, 2017 for its own country. The companies, which intend to sell cable to European Union countries, shall legally request the producers to issue a Declaration of Performance (DoP) for that product and to make CE marking on the product or its label in accordance with the format specified in EN 50575. The companies, which fail to complete this process, will not be able to offer their products to the market.

Requirements of Reaction Against Fire of the Cables Used in Buildings Published in September 2014, the standard determines the fire reaction performance requirements of the power, control and communication cables used in any building and testing and evaluation methods as well as conformity assessment criteria. EN 50575 standard does not contain any information on the cables' electric, mechanical and environmental requirements, and does not render void the other relevant standards in relation to those.



It is related with determining the fire reaction class of the cables only. In the cables falling in the scope of this standard, conditions to make CE marking must be met and CE labeling must be made. Cables used in the buildings and the other structures for electricity, communication, fire detection and alarm which require line feeding to be uninterrupted and the cables used for security facilities that require uninterrupted signal feeding such as fire fighting are not covered by EN 50575 standard. EN 50575 standard is in the scope of Construction Products Regulation (305/2011/AB) and mandatory CE marking.

European Commission



Test Standards Required for Classifying Fire Reaction Performance Classification

EU Class (Euroclass)	EN ISO 1716	EN 50399	EN 60332-1-2	EN 61034-2	EN 60754-2
A_{ca}	X	-	-	-	-
$B1_{ca}$	-	X	X	X	X
$B2_{ca}$	-	X	X	X	X
C_{ca}	-	X	X	X	X
D_{ca}	-	X	X	X	X
E_{ca}	-	-	X	-	-
F_{ca}	Performance not determined				

" ca" means index cable.

Cables are classified as follows according to the Assessment and Verification of Constancy of Performance (AVCP) System.

	EU Class (Euroclass)	Classification Criteria	Additional Classification Criteria	Assessment and Verification of Constancy of Performance AVCP
High Performance				
Noninflammable (mineral insulated)	A_{ca}	EN ISO 1716		**"System 1+"** • Installing and using FPC system • certified body FPC inspection • approved laboratory test report • certified body performance constancy certificate • DoP issuing • CE labeling
Cables with Low inflammability hazard	$B1_{ca}$	EN 50399 Measuring the heat and smoke generated as a result of flammation EN 60332-1-2 flame spread	EN 50399/EN 61034-2 some intensity (s1, s1a, s1b, s2b, s3) EN 60754-2 acidity determination and conductivity measurement (a1, a2, a3) EN 50399 Dropping of burning materials (d0, d1, d2)	
	$B2_{ca}$			
	C_{ca}			**"System 3"** • Installing and using FPC system • approved laboratory test report • DoP issuing • CE labeling
	D_{ca}			
Standard Cable	E_{ca}	EN 60332-1-2 flame spread		
Low Performance	F_{ca}	No performance specified		**"System 4"** • Installing and using FPC system • DoP issuing • CE labeling

System 1+

Cables included in Aca, B1ca, B2ca and Cca classes. Factory production controls (FPC) and tests for determining the classes of these cables are made by the producer company. Certified body makes the first type test for determining the fire reaction performance, determines the product class according to this test, inspect the production site and the first FPC, observes and assesses FPC constantly. As per the performance constancy certificate issued by the certified body, the producer makes the declaration of performance (DoP) and CE labeling in accordance with EN 50575.

System 3

Cables included in Cca and Eca classes. Factory production controls (FPC) of these cables are made by the producer company, but it is the certified test laboratory that makes sampling to determine the fire reaction performance, makes the first type test and determines the product class according to this test. As per the test report issued by the certified body, the producer makes the declaration of performance (DoP) and CE labeling in accordance with EN 50575.

System 4

Cables included in Fca classes. Factory production controls (FPC) of these cables are made by the producer company. The producer makes the declaration of performance (DoP) and CE labeling in accordance with EN 50575.

Fire Reaction Performance Classification According to EN 13501-6

Test Standard	Experiment Parameters	A_{ca}	$B1_{ca}$	$B2_{ca}$	C_{ca}	D_{ca}	E_{ca}
EN ISO 1716	PCS (MJ/kg)	≤ 2,0	-	-	-	-	-
EN 60332-1-2	H (mm)	-	≤ 425	≤ 425	≤ 425	≤ 425	≤ 425
EN 50399	Ignition source (kW)	-	30	20,5	20,5	20,5	-
EN 50399	FS (m)	-	≤ 1,75	≤ 1,5	≤ 2,0	-	-
EN 50399	THR (MJ)	-	≤ 10	≤ 15	≤ 30	≤ 70	-
EN 50399	max. HRR (kW)	-	≤ 20	≤ 30	≤ 60	≤ 400	-
EN 50399	FIGRA (W/s)	-	≤ 120	≤ 150	≤ 300	≤ 1300	-

PCS - Gross Calorific Value
H - Flame Spread EN 60332-1-2
FS - Flame Spread EN 50399
HRR – Heat Release Rate

THR - Total Heat Release
SPR - Some Production Rate
TSP - Total Smoke Production
FIGRA - Fire Growth Rate Index

Additional Classification

Test Standard	Test Parameter	A_{ca}	$B1_{ca}$	$B2_{ca}$	C_{ca}	D_{ca}	E_{ca}	F_{ca}
EN 50399/EN 61034-2	Smoke Production	-	s1, s1a, s1b, s2b, s3				-	-
EN 60754-2	Acidity and Conductivity	-	a1, a2, a3				-	-
EN 50399	Determination Dropping	-	d0, d1, d2				-	-

Additional Classification Explanations

s1 : Acording to EN 50399 TSP ≤ 50 m2 and max. SPR ≤ 0,25 m2/s
s1a : According to s1 and EN 61034-2, smoke intensity ≥ 80 %
s1b : According to s1 and EN 61034-2, smoke intensity ≥ 60 % and < 80 %
s2 : According to EN 50399 TSP ≤ 400 m2 and max. SPR ≤ 1,5 m2/s
s3 : Not s1 or s2
d0 : No drops to ignite within 1200s
d1 : No drops to ignite for more than 10 seconds within 1200s
d2 : Not d0 or d1
a1 : According to EN 60754-2, conductivity < 2,5 µS/mm and pH > 4,3
a2 : According to EN 60754-2, conductivity < 10 µS/mm and pH > 4,3
a3 : Not a1 or a2

The Declaration of Performance According to EN 50575 for Cables

Related with the CE marking, all requirements to be needed in preparing DoP, which shall be affixed to the product labels, are declareted clearly in EN 50575 standart. Therefore, the manufacturers shall be prepared a document as DoP including some knowlage such as the product code, intented usage and fire reaction performance, before placing the product onto the market.

REÇBER

PERFORMANS BEYANI
DECLARATION OF PERFORMANCE

CE

1706-1012

1. Ürün tipi ve kodu:
1. Unique identification code of the product-type:

506022, 506075, 506076, 506077, 506118, 506082, 506143, 506145, 506086

2. Madde 11 (4)'te istenildiği üzere ürünün tanımlanmasına izin veren tip, lot veya seri numarası veya herhangi bir unsur:
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

SL400 U23 LSZH Category 6 U/UTP

3. Üretici tarafından öngörülen inşaat ürününün, ilgili uyumlaştırılmış teknik şartnameye uygun kullanım amacı veya kullanımı:
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Yangın ve dumanın oluşmasını ve yayılmasının sınırlandırılması amacıyla binalar ve diğer inşaat mühendisliği çalışmalarında iletişim sağlanması
Supply of communication in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke

4. Madde 11 (5)'e göre üreticinin adı, tescilli ticari adı veya tescilli markası ve iletişim adresi:
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

REÇBER KABLO SANAYİ VE TİCARET LİMİTED ŞİRKETİ
Türkgücü Köyü Yolu Üzeri Yılmaz Alpaslan Cad.No:73
Çorlu Tekirdağ TÜRKİYE
Tel. +90 282 681 8686
info@recber.com.tr

5. CPR'de belirtildiği üzere inşaat ürününün performans sabitliğinin değerlendirilmesi ve doğrulanması için sistem veya sistemler; Ek 5
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

Sistem 3

6. Onaylanmış Kuruluş

6.Notified product certification body:

2479 Numaralı Onaylanmış Laboratuvar, L.S. FIRE TESTING INSTITUTE S.R.L tarafından (üretici tarafından gerçekleştirilen numune alınma göre) tip testine dayanan ürün tipinin belirlenmesi, tip hesaplaması, ürüne ait çizelge olarak hazırlanan değerler veya açıklayıcı doküman, yürütüldü.

Notified testing laboratory L.S. FIRE TESTING INSTITUTE S.R.L. No. 2479 carried out the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product.

7. Performans beyanı
7. Declared performance

Temel özellikler *Essential characteristics*	Performans *Performance*	Uyumlaştırılmış teknik şartname *Harmonised technical specification*
Yangına tepki *Reaction to fire*	**Dca-s2,d2,a1**	EN 50575:2014+A1:2016
Tehlikeli maddeler *Dangerous substances*	**Yok** *None*	

8. 1 ve 2. maddelerde tanımlanan ürünün performansı, 8. maddedeki beyan edilen performansa uygundur.
8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

Bu performans beyanı, 4. fıkrada tanımlanan üreticinin tüm sorumluluğunda verilir.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Üretici adına imzalayan kişi:
Signed for and on behalf of the manufacturer by:

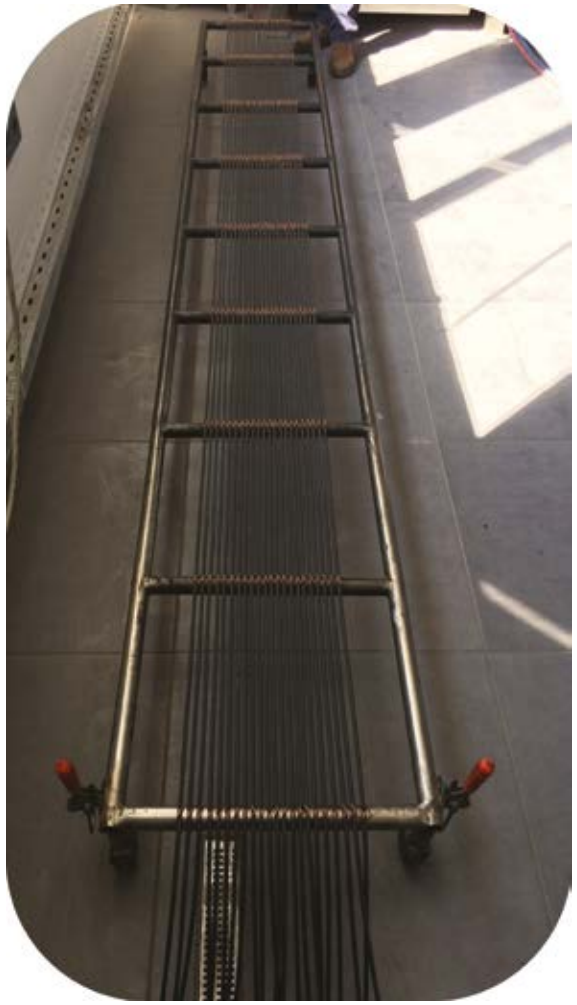
Genel Müdür
General Manager
Keleş REÇBER

Tekirdağ, 07.06.2017

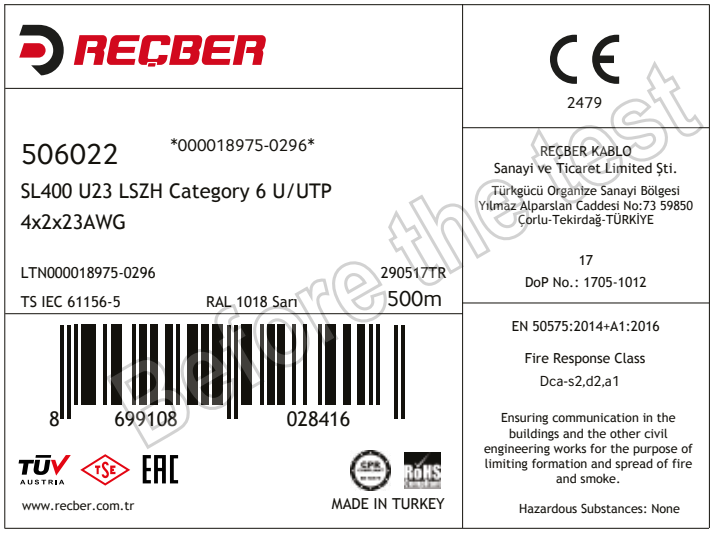
REÇBER KABLO SAN. TİC. LTD. ŞTİ.
Türkgücü Organize Sanayi bölgesi
Yılmaz Alpaslan Cad. No:73 Çorlu/Tekirdağ
Tel: 0(282) 681 86 86 Fax: 0(282) 681 86 87
Çorlu V.D.: 7
İşl.Mrk. Çorlu Tic.Sic. No: 17457
Mersis No : 0134004809700010

CE Labeling in Cables According to EN 50575
Information on adding CE mark on the product label is clearly defined in EN 50575 standard.

- Before a declaration of performance (DoP) is prepared fort he product, CE mark cannot be attached on the product or its label.
- CE mark must be prepared by each producer in accordance with the format and content specified in the Standard, and added to the product label on the coil or reel in an easily visible, legible and non-erasable manner.
- CE mark indicates that the product is in accordance with the legislation and functions as a passport for free circulation of the product in the European market.
- Although CE marking made in the scope of the Low Voltage Directive (LVD) is made by taking the producer's declaration as basis, it created a more effective system, where "Certified Body and Certified Laboratory" concepts are included in CE marking under CPR.



Before the test



After the test

EN 50399 Measuring the Heat and Smoke Generated During Flame Spread Experiment

Because flame spread, smoke formation and burning drops have a high importance in fire security in selection of the cables reliable in case of fire, making fire tests according to EN 50399 plays an important role in preventing loss of life and property in case of fire. EN 50399 test equipment is used for measuring the fire response of the cables assembled on the latter in the vertical level. The test system allows making measurements such as heat, smoke formation, oxygen consumption, carbon dioxide generation during the test, in addition to the equipment in EN 60332-3-10 standard. This way, while the data created from the first moment of ignition of the cable, thanks to measuring the spread of flame along the cable and heat formation measurement, impact of fire on the environment and thanks to smoke formation measurement, vision reduction in the fire scene is determined.

Number of cables to be connected to the ladder is determined according to the cable diameter. Cables connected to the ladder must be connected as stretched, one by one (not as a bunch) and with distances between one another. Flame power is applied through 20.5/30kW burner. Air source blows air into the cabin in the flow rate of 8000 ± 400 L/min. Experiment time is 25 minutes, while flame application time is 20 minutes.

CPR Regulations come into force !! Are you ready ?
You can be sure, we are...

CPR apply highest product safety to protect construction for casualties of human and goods in case of fire. Construction Products Regulation come into force in July 2017. The cable packages must have CE labeling after 1 July 2017. Cable packages are labeled as indicated in the regulations as of July by Recber Kablo. Users, should be have knowledge of CPR requirements and reaction to fire class categories. We are keep going to extend product range which includes higher class cabling. We are ready to deliver it when you need high quality cables which compatible regarding to CPR. You can use confidently of our cables which are suitable to CPR requirements in your project.

Fire Reaction Class Euro Class **Fca**	Fire Reaction Class Euro Class **Eca**	Fire Reaction Class Euro Class **Dca**	Fire Reaction Class Euro Class **Cca**	Fire Reaction Class Euro Class **B2ca**
Does not include information on the fire performance and used in exterior areas.	Used in buildings and areas with low fire risk.	Used in buidings and with areas fire risk.	Used in buildings and areas with high fire risk.	Used in buildings and areas with very high fire risk.

Euro-Class : Eca	DoP No : 1705-1014	Stok Kodu : 505001

Data Cables Performance Declaration (DoP)

Product Name	PVC	HFFR-LSZH/LS0H	PE
SL200 U24 Category 5e U/UTP	**Eca** 1705-1014 505001	**Eca** 1705-1010 505004	**Fca** 1705-1006 505007
SL200 F/U24 Category 5e F/UTP	**Eca** 1705-1008 505002	**Fca** 1705-1029 505005	**Fca** 1705-1005 505008
SL200 SF/U24 Category 5e SF/UTP	**Eca**1705-1015 505003	**Fca** 1705-1028 505006	**Fca** 1705-1021 505009
SL400 U23 Category 6 U/UTP	**Eca** 1705-1018 506019	**Dca-s2,d2,a1** 1705-1012 506022	**Fca** 1705-1003 506025
SL400 F/U23 Category 6 F/UTP	**Eca** 1705-1016 506020	**B2ca-s1a,d1,a1** 1705-1017 506023	**Fca** 1705-1002 506026
SL400 SF/U23 Category 6 SF/UTP	**Eca** 1705-1007 506021	**Fca** 1705-1027 506024	**Fca** 1705-1022 506027
SL500 U/F23 Category 6A U/FTP		**Cca-s1a,d1,a1** 1705-1019 506046	**Fca** 1705-1023 506052
SL500 F/F23 Category 6A F/FTP		**B2ca-s1a,d1,a1** 1705-1020 506047	**Fca** 1705-1024 506053
SL500 S/F23 Category 6A S/FTP		**Cca-s1a,d1,a1** 1705-1011 506042	**Fca** 1705-1001 506054
SL900 S/F23 Category 7 S/FTP		**Cca-s1a,d1,a1** 1705-1011 507001	**Fca** 1705-1001 507003
SL1200 S/F23 Category 7A S/FTP		**Cca-s1a,d1,a1** 1705-1011 507007	**Fca** 1705-1001 507009
SL1500 S/F22 Category 7A+ S/FTP		**B2ca-s1a,d1,a1** 1705-1025 507013	**Fca** 1705-1001 507015

Vertical Backbone Data Cables

SL200 U24 Category 5e U/UTP 25x2x24AWG	Fca 1705-1009 505047		Fca 1705-1004 505048

Coaxial Cables Performance Declaration (DoP)

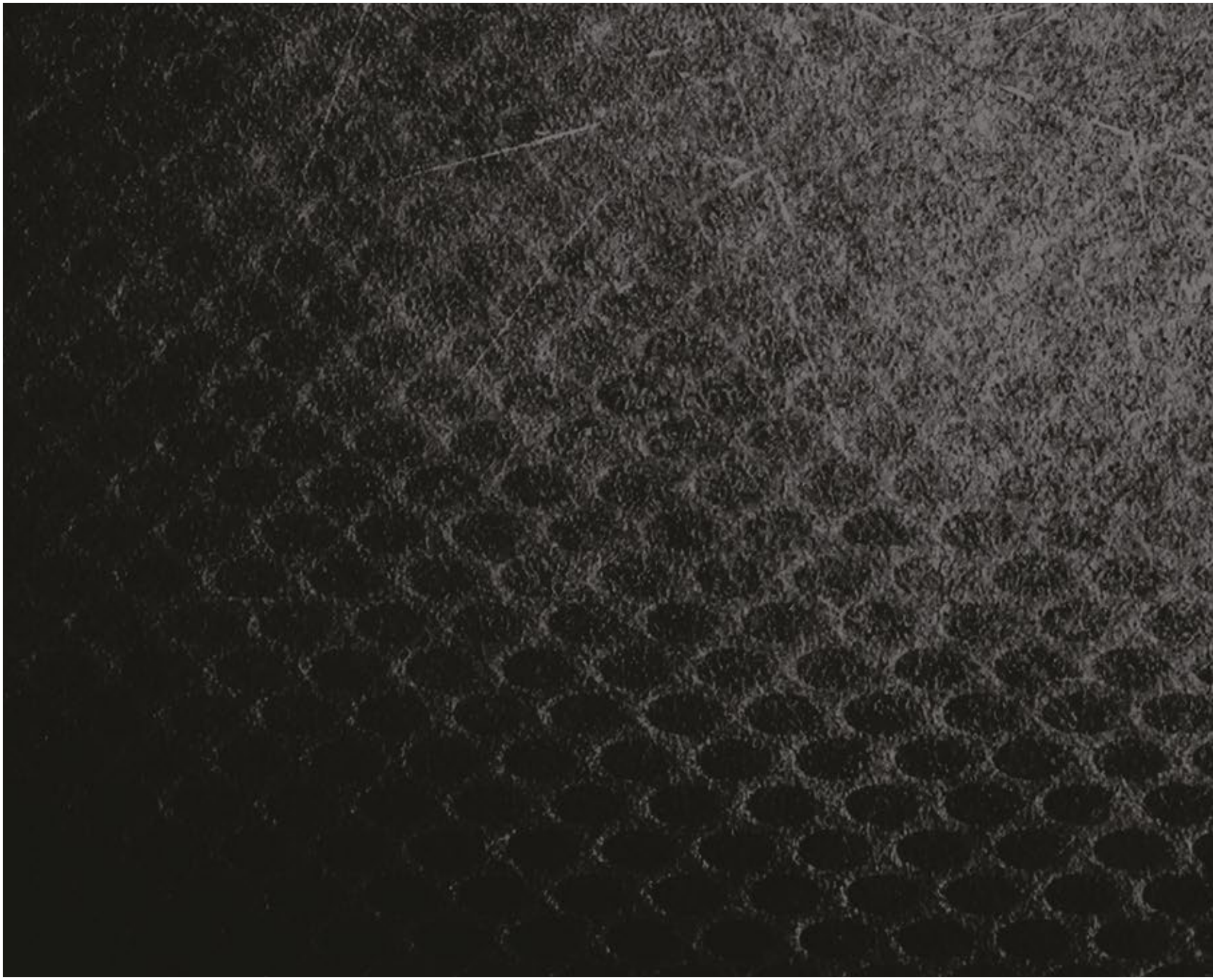
Product Name	PVC	HFFR-LSZH/LS0H	PE
RG 6 U/4 PHY Cu/Al Class C	**Eca** 1703-1003 307057G	**Dca** 1703-11 307084G	**Fca** 1703-1028 307068G
RG 6 U/6 PHY Cu/Cu Class B	**Eca** 1703-1005 307059G	**Dca** 1703-1013 307086G	**Fca** 1703-1030 307070G
RG 11 U/4 PHY Cu/Al Class B	**Eca** 1703-1007 307060G	**Dca** 1703-1015 307087G	**Fca** 1703-1032 307071G
RG 11 U/6 PHY Cu/Cu Class B	**Eca** 1703-1009 307062G	**Dca** 1703-1017 307089G	**Fca** 1703-1034 307073G
RG 6 U/4 PHY Cu/CuSn Trishield Class A+	**Eca** 1703-1004 307064G	**Dca** 1703-1012 307091G	**Fca** 1703-1029 307075G
RG 6 U/6 PHY Cu/Cu Trishield Class A+	**Eca** 1703-1006 307066G	**Dca** 1703-1014 307093G	**Fca** 1703-1031 307159G
RG 11 U/4 PHY Cu/CuSn Trishield Class A+	**Eca** 1703-1008 307132G	**Dca** 1703-1016 307134G	**Fca** 1703-1033 307133G
RG 11 U/6 PHY Cu/Cu Trishield Class A+	**Eca** 1703-1010 307067G	**Dca** 1703-1018 307094G	**Fca** 1703-1035 307078G

Other Type Cables Performance Declaration (DoP)

Product Name	Fire Reaction Class Euro Class
J-Y(St)Y...Lg	**Eca** 1701-1012
J-H(St)H...Lg	**Cca** 1701-1013
LIYCY	**Eca** 1702-1023
LIHCH	**Cca** 1702-1024
CCTV PVC	**Eca** 1703-1179
CCTV HF	**Eca** 1703-1182
PDV	**Eca** 1704-1010
PDH	**Eca** 1704-1011

Tests are ongoing for the other cable types at the Certified Body. It will be published on our website, **www.recber.com.tr**, when they are completed.

Notes



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