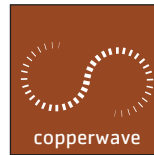


COPPER



PATCHCORD

PATCHCORD

According to



PX****-*

- > IEC 11801 2nd Ed.
- > EN 50173 2nd Ed.
- > EIA/TIA 568 B.2

1 st ISSUE 2006

ARCHITECTS OF LIGHT



CONSTRUCTION (NOMINAL VALUES)

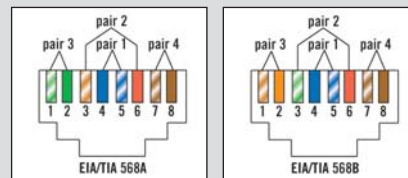
				cat. 5E UTP	cat. 5E FTP	cat. 6 UTP	cat. 6 FTP
Conductor	annealed copper stranded wire		AWG	24	24	24	24
Insulation	solid polyethylene	diameter	mm	0,98	0,96	0,98	0,96
Outer sheath	PVC Grey RAL 7001	diameter	mm	5,5	5,9	6,3	6,5
	Afumex® (on request)						
Connector	RJ45 8/8 protection cover						
	inclusive of holding hook in PVC						
Identification	Transparent thermo-strained sheath			/	/	yes	yes

ELECTRICAL CHARACTERISTICS AT 20 °C (TYPICAL VALUES)

cat. 5E cat. 6

Operating Voltage	≤ 125 Vdc	125 Vdc
DC Loop Resistance	≤ 190 Ω/km	140 Ω/km
Mutual Capacity	≤ 50 nF/km	48 nF/km
Capacitance Unbalance	≤ 1600 pF/km	1600 pF/km
Input Impedance	100±15 Ω	100±20
NVP @ 100 MHz	0,7 c nominal	0,7 c nominal
ACR	> 10 dB @ 125 MHz	40 dB @ 250 MHz

GRAPH



UTP - FTP cat. 5E

UTP - FTP cat. 6

contacts covered by min. 50 μ" gold verified by X-ray fluorescence

ORDERING CODE

cable	code	sheath	std colour	length	marking
UTP 5E	PX2100-0	PVC	Grey RAL 7001	m 0,5	PRYSMIAN PX2100 - UTP 4x2x24AWG - CAT. 5e - CLASS D - 200 MHz
UTP 5E	PX2100-1	PVC	Grey RAL 7001	m 1	ISO/IEC 11801 - EN 50173 - EIA/TIA568.B.2 YWWY metric m
UTP 5E	PX2100-2	PVC	Grey RAL 7001	m 2	
UTP 5E	PX2100-3	PVC	Grey RAL 7001	m 3	
UTP 5E	PX2100-5	PVC	Grey RAL 7001	m 5	
FTP 5E	PX2200-0	PVC	Grey RAL 7001	m 0,5	PRYSMIAN PX2200 - FTP 4x2x24AWG - CAT. 5e - CLASS D - 200 MHz
FTP 5E	PX2200-1	PVC	Grey RAL 7001	m 1	ISO/IEC 11801 - EN 50173 - EIA/TIA568.B.2 YWWY metric m
FTP 5E	PX2200-2	PVC	Grey RAL 7001	m 2	
FTP 5E	PX2200-3	PVC	Grey RAL 7001	m 3	
FTP 5E	PX2200-5	PVC	Grey RAL 7001	m 5	
UTP 6	PX3100-0	PVC	Grey RAL 7001	m 0,5	PRYSMIAN PX3100 - UTP 4x2x24AWG - CAT. 6 - CLASS E - 350 MHz
UTP 6	PX3100-1	PVC	Grey RAL 7001	m 1	ISO/IEC 11801 - EN 50173 - EIA/TIA568.B.2.1 YWWY metric m
UTP 6	PX3100-2	PVC	Grey RAL 7001	m 2	
UTP 6	PX3100-3	PVC	Grey RAL 7001	m 3	
UTP 6	PX3100-5	PVC	Grey RAL 7001	m 5	
FTP 6	PX3200-0	PVC	Grey RAL 7001	m 0,5	PRYSMIAN PX3200 - FTP 4x2x24AWG - CAT. 6 - CLASS E - 350 MHz
FTP 6	PX3200-1	PVC	Grey RAL 7001	m 1	ISO/IEC 11801 - EN 50173 - EIA/TIA568.B.2.1 YWWY metric m
FTP 6	PX3200-2	PVC	Grey RAL 7001	m 2	
FTP 6	PX3200-3	PVC	Grey RAL 7001	m 3	
FTP 6	PX3200-5	PVC	Grey RAL 7001	m 5	

About Us

Prysmian is a global market leader in optical cables, supplying a major part of the world's optical cable needs. With a strong heritage of highly advanced R&D, Prysmian is at the leading edge of the technology.

With a worldwide manufacturing presence in 12 countries and in 4 continents Prysmian's global experience and local manufacturing capacity is a significant force in the international marketplace, assuring continuity of supply and high level of service.

Prysmian's optical technology encompasses optical fibers, cables, connectivity, projects and services ensuring that not only the right cable but the right total optical communication system is matched to our customers' needs.

Prysmian offers a complete service from design planning, manufacture and installation through to technical support of commissioned cable networks. Planning and surveying are the cornerstone of our operation, with quality maintained through the expertise and dedication of all our staff working across the business to ISO 9001 and 14000 standards.

When a project is in Prysmian's hands, our customers can depend on a total quality service.

Specifications are subject to change without notice. Cable are designed and tested according to the main national and international specifications (IEC specifications).

dega design group