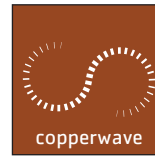
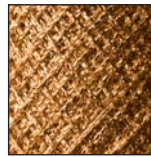


COPPER



100 MHz cat. 5E

FTP 5E SFTP 5E



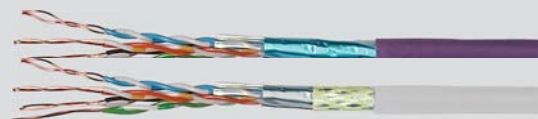
According to

DX22-* (FTP)**
DX23-* (SFTP)**

- > IEC 61156
- > EN 50288-2
- > IEC 11801 2nd Ed.
- > EN 50173 2nd Ed.
- > EIA/TIA 568 B.2

1st ISSUE 2006

ARCHITECTS OF LIGHT



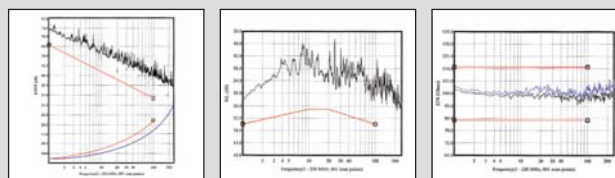
CONSTRUCTION (NOMINAL VALUES)

					FTP	SFTP
Conductor	annealed copper wire		AWG		24	24
Insulation	solid polyethylene		diameter	mm	1,05	1,05
Foil screen	longitud AL/PET tape					yes
Braid screen	tinned copper braid					yes
	drain wire		mm		0,5	0,5
Outer sheath	PVC or Afumex®	single	diameter	mm	5,9	6,2
		siamese	outer dim	mm	5,9x11,9	6,2x12,5
Weight		single	kg/km		39	46
		siamese	kg/km		79	93

ELECTRICAL CHARACTERISTICS AT 20 °C (TYPICAL VALUES)

Operating Voltage	≤	125 Vdc
DC Loop Resistance	≤	170 Ω/km
Capacitance Unbalance	≤	1600 pF/km
Input Impedance	100±15 Ω	
NVP @ 100 MHz	0,68 c nominal	
Skew @ 100 MHz	≤	15 ns/100 m
LCL	≥	40 dB
RL headroom	>	7 dB
NEXT headroom	>	8 dB
PS-NEXT headroom	>	8 dB
ACR @ 100 MHz	>	25 dB
PS-ELFEXT headroom	>	7 dB

GRAPH



ORDERING CODE

cable	code	sheath	std colour	length	packaging	marking
FTP 4P	DX2205-3	Afumex® LSZH	Violet RAL 4005	m 305	box	PRYSMIAN DX2205 - FTP 4x2x24AWG LSZH - CAT. 5e 200 MHz ISO/IEC 11801 - EN 50173 - EIA/TIA 568.B.2 - SGS CERTIFIED YWWY metric m
FTP 4P	DX2205-5	Afumex® LSZH	Violet RAL 4005	m 500	drum	
FTP 4P	DX2205-1	Afumex® LSZH	Violet RAL 4005	m 1000	drum	
FTP 4P	DX2200-3	PVC	Grey RAL 7001	m 305	box	PRYSMIAN DX2200 - FTP 4x2x24AWG - CAT. 5e 200 MHz ISO/IEC 11801 - EN 50173 - EIA/TIA 568.B.2 - SGS CERTIFIED YWWY metric m
FTP 4P	DX2200-5	PVC	Grey RAL 7001	m 500	drum	
FTP 4P	DX2200-1	PVC	Grey RAL 7001	m 1000	drum	
FTP 2x4P	DX2225-5	Afumex® LSZH	Violet RAL 4005	m 500	drum	PRYSMIAN DX2225 - FTP 2x(4x2x24AWG) LSZH - CAT. 5e 200 MHz ISO/IEC 11801 - EN 50173 - EIA/TIA 568.B.2 - SGS CERTIFIED YWWY metric m
FTP 2x4P	DX2225-1	Afumex® LSZH	Violet RAL 4005	m 1000	drum	
FTP 2x4P	DX2220-5	PVC	Grey RAL 7001	m 500	drum	PRYSMIAN DX2220 - FTP 2x(4x2x24AWG) - CAT. 5e 200 MHz ISO/IEC 11801 - EN 50173 - EIA/TIA 568.B.2 - SGS CERTIFIED YWWY metric m
FTP 2x4P	DX2220-1	PVC	Grey RAL 7001	m 1000	drum	
S-FTP 4P	DX2305-5	Afumex® LSZH	Grey RAL 7035	m 500	drum	PRYSMIAN DX2305 - SFTP 4x2x24AWG LSZH - CAT. 5e 200 MHz ISO/IEC 11801 - EN 50173 - EIA/TIA 568.B.2 - SGS CERTIFIED YWWY metric m
S-FTP 4P	DX2305-1	Afumex® LSZH	Grey RAL 7035	m 1000	drum	
S-FTP 4P	DX2300-5	PVC	Grey RAL 7001	m 500	drum	PRYSMIAN DX2300 - SFTP 4x2x24AWG - CAT. 5e 200 MHz ISO/IEC 11801 - EN 50173 - EIA/TIA 568.B.2 - SGS CERTIFIED YWWY metric m
S-FTP 4P	DX2300-1	PVC	Grey RAL 7001	m 1000	drum	
S-FTP 2x4P	DX2325-5	Afumex® LSZH	Grey RAL 7035	m 500	drum	PRYSMIAN DX2325 - SFTP 2x(4x2x24AWG) LSZH - CAT. 5e 200 MHz ISO/IEC 11801 - EN 50173 - EIA/TIA 568.B.2 - SGS CERTIFIED YWWY metric m
S-FTP 2x4P	DX2325-1	Afumex® LSZH	Grey RAL 7035	m 1000	drum	
S-FTP 2x4P	DX2320-5	PVC	Grey RAL 7001	m 500	drum	PRYSMIAN DX2320 - SFTP 2x(4x2x24AWG) - CAT. 5e 200 MHz ISO/IEC 11801 - EN 50173 - EIA/TIA 568.B.2 - SGS CERTIFIED YWWY metric m
S-FTP 2x4P	DX2320-1	PVC	Grey RAL 7001	m 1000	drum	

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