

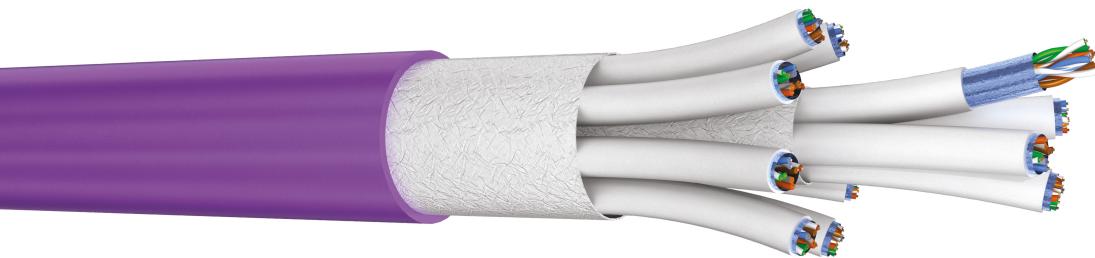
P12525A26SH

**CAT6A U/FTP 12x4P AWG26 Cable -
Drum of 1000m**



DESCRIPTION

CAT6A U/FTP 12x4P cable is a data transmission solution for high-density environments. It is composed of CAT6A cable AWG26 and is consequently used for reducing cable strands and saving space in the cable tray.



ADVANTAGES

- Tested up to 525 MHz
- Great space saving, thanks to his small diameter (AWG26)
- Available in 6 x 4 and 12 x 4 versions



CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	Pxx525A26SH
Core gauge	AWG26
Assembly type	Pairs
Outer Sheath Material	LSZH
Color	Purple RAL 4001
Nom. diameter of the outer sheath (mm)	26.6
Ground drain presence	No
Shielding type	U/FTP
Insulation Color Code	Blue and White blue or White - Orange and White orange or White - Green and White green or White - Brown and White brown or White
Nominal insulation diameter (mm)	1

ELECTRICAL CHARACTERISTICS

Loop resistance	290
Minimum insulation resistance	> 5000 MΩ x km
Service Voltage (V)	<250Vdc
Linear electrical resistance (Ω/Km)	145
Mutual Capacity	< 45 pF
Capacity Imbalance	< 1600 pF/km

TRANSMISSION CHARACTERISTICS

Coupling attenuation (dB)	75
Delay skew	< 30
Unbalance resistance	< 2
Propagation speed (%)	79
Segregation Class	C
Performance Category	Category 6A
Data Transmission Standard	EIA/TIA 568-C.2 Cat6A, EN 50173-1: 2011 Classe Ea, ISO 11801 Ed.3 Classe Ea
Characteristic Impedance (Ohms)	100
Conductor/Shield Capacitance	1,6 nF/km
Conductor/Conductor Capacitance	45 nF/km

MECHANICAL CHARACTERISTICS

Bending Radius in Fixed Installation	8 x Ø ext
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MECHANICAL CHARACTERISTICS

Bending Radius in Mobile Installation	15 x Ø ext
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ENVIRONMENTAL CHARACTERISTIC

CPR classification	Dca s2, d2, a2
Fire behaviour	IEC 60332-1
Smoke emission	IEC 61034-1 & -2
Gas emission	IEC 60754-2
RoHS Compliance	Conforme à la directive RoHS
Component Standard	IEC 61156-5 Cat6A

ADDITIONAL INFORMATION

Product Packaging	Drum of 1000m
Weight (Kg)	0.1