



Applications:

Installation cables for use in structured building cabling according to ISO/IEC 11801 and EN 50173. Ideal for all applications from classes D to FA Multimedia (video, data, voice), > 10GbE according to IEEE 802. 3, VoIP, PoE, PoE+ and PoE++
For a voltage of max. 72 Volt, - for use as data transmission cable in Telecommunications networks.

Construction:

Conductor:	solid copper conductor AWG22
Cores:	Insulation made of foamed plastic
Shield:	Individual shielding made of plastic-laminated aluminum foil, conductive surface on the outside (PIMF), overall braided shield tinned
Outer sheath:	Halogen-free LSZH Outer diameter 16,7x8,2mm +- 0.30mm

Technical Specifications:

Insulation resistance	5000M Ohm km
max. delay skew	<=25ns/100m 1-1000MHz
NEXT	60,4dB/100m 1000MHz 57,8dB/100m 1500MHz
RL	15,1dB/1000MHz 12,3dB/1500MHz
min. bending radius	8x outer diameter
Temperature	in use: -20°C bis +75°C
NVP	77%

Norms:

ISO/IEC 11801, DIN EN 50173,
IEC 61156-5, IEC 61156-7,
EN50288-9-1
IEC 60332-1-2, IEC 60332-3-24
IEEE 802.3bt 90W 4PPoE

Reaction to fire:

CPR-B2ca

Special Features

Characteristics
halogen free
CPR-B2ca

GHMT Certified

Coat Color
orange

Version

Presentation

Outer Ømm

Article number

Data Cable S/FTP 2x4x2xAWG22 1500MHz Cat.7A orange	100/500m	8,2x16,7	11384016
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