



Application:

Our 1000 MHz cable types exceed the legal requirements established in the standard for category 7 cables. They are designed for transmission rates of up to 1000 MHz and can be used for all structured cabling systems up to and including class F. Including PoE and PoE+. With additional PE sheath especially suitable for outdoor use and direct laying of the ground.

Structure:

Conductor Cores	Solid copper conductor AWG23 Foamed plastic insulation
Shield	Single shielding from plastic-laminated aluminium foil, outer conducting surface (PIMF), overall braided shield, tin-plated copper mesh
Sheath Outer Sheath	Halogen-free sheath PE Outer Sheath black outer diameter 8,7mm

Technical Data:

Insulation resistance	> 500MΩ.km/500 V
Wave resistance	100 +/- 5Ω/100MHz
Loop resistance	< 19Ω/100m
Transfer impedance	< 7mΩ/m 10MHz
NVP	77%
Delay skew	≤ 5ns/100m
NEXT	92,0dB/1000MHz
ACR	22,0dB/1000MHz
RL	26,0dB/1000MHz
Installation recommendation: Min. bending radius Max. tensile stress	Installation: 70 mm, Betrieb: 35 mm 110N
Temperature	Installation: 0°C bis +50°C, Operation: -20°C bis +75°C
Flame retardancy Halogen-free nature Smoke density Fire load (MJ/m)	nach IEC 60332-1-2 nach IEC 60754-2 nach IEC 61034 0,18 (without PE)
Legislative cross references	ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC61156-5, IEC 61156-7, EN 50288-9-1,

Special Features

Characteristics

PE Outer Coat
UV constant

Coat colour

black

Version

Data Cable S/FTP 4x2xAWG23 1000MHz PE
Cat.7 black

Presentation

100/500/1000m

Outer Ømm

8,7

Article number

11370020