

TX100 Plus Black PVC -250M

Art. Number 370851



TX100 Plus Black PVC -250M

- Rated according to CPR EN50575 Firestandard Eca

Technical Specifications

ORDER INFORMATION

EAN Number 5702663708518

CONSTRUCTION

Inner conductor - material	Cu
Inner conductor - dimension mm	1.0 +/-0.02 mm
Dielectric - material	Foam PE
Dielectric - dimension mm	4.6 mm
1. Shield foil – material	Cu/PET
2. Shield braid - material	Cu
Jacket - material	PVC

SHIELDING

Screening attenuation @ 30-1000 MHz dB	>90 dB
Screening attenuation @ 1000-2000 MHz dB	>75 dB
Screening attenuation @ 2000-3000 MHz dB	>72 dB

LOSS

Attenuation (20°C/100mtr) @ 5 MHz dB	2.0 dB
Attenuation (20°C/100mtr) @ 50 MHz dB	4.2 dB
Attenuation (20°C/100mtr) @ 100 MHz dB	6.5 dB
Attenuation (20°C/100mtr) @ 200 MHz dB	8.7 dB
Attenuation (20°C/100mtr) @ 470 MHz dB	13.3 dB
Attenuation (20°C/100mtr) @ 862 MHz dB	19.5 dB

Technical Specifications

Attenuation (20°C/100mtr) @ 1000 MHz dB	19.9 dB
Attenuation (20°C/100mtr) @ 1750 MHz dB	26.9 dB
Attenuation (20°C/100mtr) @ 2150 MHz dB	30.3 dB

RETURN LOSS

Structural return loss @ 5-470 MHz dB	>30 dB
Structural return loss @ 470-862 MHz dB	>28 dB
Structural return loss @ 862-2400 MHz dB	>25 dB

ELECTRICAL

Impedance Ω	75 Ω
Capacity pF/m	52 pF/m
Velocity ratio %	84 %
Inner DC resistance Ω /km	20.4 Ω /km
Outer DC resistance Ω /km	13.8 Ω /km

OPERATIONAL

Application	Indoor
Fire Class	EN 50575 (Eca)
DoP number	TR0019
Notified Body	0051
Screening Efficiency	EN50117 (Class A)

MECHANICAL

Cable length m	250 m
Minimum bending radius mm	40 mm
Colour	Black
Packaging Height m	0.150 m
Packaging Width m	0.360 m
Packaging Depth m	0.360 m
Packaging Volume m ³	0.019 m ³
Net Weight kg	13.250 kg
Tara Weight kg	0.200 kg
Total Weight kg	13.450 kg