

connecting the future



## TX100 Plus Black PVC -250M

Article number: 370851

### Product description:

TX100 Plus Black PVC -250M

- Rated according to CPR EN50575 Firestandard Eca

### Specifications

ORDER INFORMATION	
EAN Number	5702663708518
CONSTRUCTION	
Inner conductor - material	Cu
Inner conductor - dimension	1.0 +/-0.02 mm
Dielectric - material	Foam PE
Dielectric - dimension	4.6 mm
1. Shield foil – material	Cu/PET
2. Shield braid - material	Cu
Jacket - material	PVC
SHIELDING	
Screening attenuation @ 30-1000 MHz	>90 dB
Screening attenuation @ 1000-2000 MHz	>75 dB

Screening attenuation @ 2000-3000 MHz	>72 dB
<b>CHARACTERISTICS</b>	
Type	TX100 Plus
<b>LOSS</b>	
Attenuation (20°C/100mtr) @ 5 MHz	2.0 dB
Attenuation (20°C/100mtr) @ 50 MHz	4.2 dB
Attenuation (20°C/100mtr) @ 100 MHz	6.5 dB
Attenuation (20°C/100mtr) @ 200 MHz	8.7 dB
Attenuation (20°C/100mtr) @ 470 MHz	13.3 dB
Attenuation (20°C/100mtr) @ 862 MHz	19.5 dB
Attenuation (20°C/100mtr) @ 1000 MHz	19.9 dB
Attenuation (20°C/100mtr) @ 1750 MHz	26.9 dB
Attenuation (20°C/100mtr) @ 2150 MHz	30.3 dB
<b>RETURN LOSS</b>	
Structural return loss @ 5-470 MHz	>30 dB
Structural return loss @ 470-862 MHz	>28 dB
Structural return loss @ 862-2400 MHz	>25 dB
<b>ELECTRICAL</b>	
Impedance	75 $\Omega$
Capacity	52 pF/m
Velocity ratio	84 %
Inner DC resistance	20.4 $\Omega$ /km
Outer DC resistance	13.8 $\Omega$ /km
<b>OPERATIONAL</b>	
Application	Indoor
Fire Class	EN 50575 (Eca)
DoP number	TR0019
Notified Body	0051
Screening Efficiency	EN50117 (Class A)
<b>MECHANICAL</b>	
Cable length	250 m
Minimum bending radius	40 mm
Colour	Black

Net Weight	13,250 kg
Tara Weight	0,200 kg
Total Weight	13,450 kg

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