

HD 223 Cu/Cu PEF Fca Technical Data Sheet

Inner Conductor	Bare Copper
Inner Conductor Diameter	2.20 ± 0.02 mm
Insulation	Gas Injected Skin/Foam/Skin PE
Insulation Diameter	9.90 ± 0.10 mm
1.Screen	CuPet Foil
2.Screen	Copper wire braiding % 48 ±3 coverage
Jell	APD Gel
3.Screen	CuPet Foil
Outer Sheath	PE-Black
Outer Sheath Diameter	12.70 ± 0.20 mm
Inner Conductor Resistance	4,7 Ohm/km
Velocity Of The Propagation	%83 ± 3
Impedance	75 ± 2 Ohm/m
Capacitance	53 ± 2 pF/m
Return Loss	
5-470 Mhz	> 30 dB
470-1000 Mhz	> 25 dB
1000 - 1200 Mhz	> 20 dB
Attenuation	(dB/100m)
5 MHz	0.75 dB/100m
50 MHz	2.10 dB/100m
230 MHz	4.70 dB/100m
470 MHz	7.10 dB/100m
860 MHz	9.80 dB/100m
1000 MHz	10,90 dB/100m
1200 MHz	12.70 dB/100m
Transfer Impedance	Class A+
5Mhz to 30Mhz	≤ 2,5 mΩ/m
Screening Attenuation	Class A+
30-1200 Mhz	>95 dB
1200 - 2000 Mhz	>85 dB
2000 - 3000 Mhz	>75 dB



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