

HD 083 HFFR Dca Technical Data Sheet

Inner Conductor	Bare Copper
Inner Conductor Diameter	0.80 ± 0.02 mm
Insulation	Gas Injected Skin/Foam/Skin PE
Insulation Diameter	3.60 ± 0.10 mm
1.Screen	Aluminium Foil ,Bonded to the insulation
2.Screen	Tinned Copper wire braiding % 65 ±3 coverage
3.Screen	Aluminium Foil ,Bonded to the Outer Sheath
Outer Sheath	HFFR-White
Outer Sheath Diameter	5.50 ± 0.20 mm
Inner Conductor Resistance	34,5 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
470-1200 Mhz	> 25 dB
1200 - 2000 Mhz	> 23 dB
2000-3000 Mhz	> 18 dB
Attenuation	(dB/100m)
50 MHz	5.70 dB/100m
230 MHz	11.90 dB/100m
470 MHz	17.70 dB/100m
860 MHz	23,90 dB/100m
1000 MHz	25,70 dB/100m
1200 MHz	28,10 dB/100m
2150 MHz	38,60 dB/100m
3000 MHz	46,10 dB/100m
Transfer Impedance	Class A+
5Mhz to 30Mhz	≤ 2,50 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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