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CT 125

Construction :

Inner conductor	Bare copper	Φ1.25 mm
Dielectric	Foam PE	Φ5.50 mm
Outer conductor (shield 1)	Copper Foil	Φ5.65 mm
Shield coverage 1		100%
Outer conductor (shield 2)	Bare copper braid	96x0.10 mm
Shield coverage 2		60%
Sheath	PVC/LSOH	Φ7.80 mm



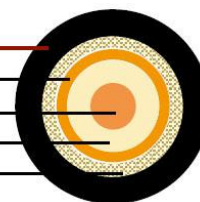
PVC/LSOH sheath

Bare copper foil shield 1

Bare copper inner conductor

Foam PE dielectric

Bare copper braid shield 2



Electrical & Mechanical Characteristics :

Impedance	75±5 Ohm
Nominal capacitance	50 pF/m
Velocity of propagation	85%
Insulation resistance	>5000 Mohm.Km
Inner conductor resistance	12.8 Ohm/Km
Outer conductor resistance	- Ohm/Km
Rated temperature	70°C
Operating voltage	30 V
Cable weight (approx.)	65 kg/km
Screening effectiveness	>75 dB (30-1000MHz) >65 dB (1000-2150MHz)

Attenuation :

Frequency(MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
50	3.5	1.07
100	5.0	1.52
200	7.5	2.29
460	11.5	3.51
860	15.5	4.73
1000	17.0	5.18
1750	22.0	6.71
2150	26.0	7.93

Return Loss :

5-470 MHz	>23dB
470-860 MHz	>20dB
860-2150 MHz	>18dB

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