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LTR-240

Ultra Low Loss Coaxial Cable, 0 - 6000 MHz

LTR-240 is a ultra low loss coaxial cable with double shielding

- Solid inner conductor.
- Flame retardant jacket, CPR classification Eca.
- For applications up to 6000 MHz.



ELECTRICAL SPECIFICATIONS

Type	Coaxial Cable
Frequency	0 - 6000 MHz
Attenuation	See table
Propagation Velocity	84 %
Capacitance	80 pF/m
Impedance	50±3 Ohm
Max. Power	See table

MECHANICAL SPECIFICATIONS

Color	Black
Inner Conductor	Ø 1.4 mm, Solid Copper
Dielectric	Ø 3.8±0.1 mm, Foam Polyethylene (PE)
Foil	Ø 3.9 mm, Aluminized Polyester (PET)
Outer Conductor	Ø 3.4 mm (112 x 0.12 mm), Tinned Copper wire braid (80% coverage)
Jacket	Ø 6.1±0.1 mm, Polyvinyl Chloride (PVC)
Min. Bending Radius	61 mm
Weight	53.0 kg/km
Operating Temperature	-30 to +70 °C

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ORDERING INFORMATION

LTR-240-100	Cardboard drum, 100 m
LTR-240-500	Cardboard drum, 500 m
LTR-240-1000	Plywood drum, 1000 m.



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Frequency [MHz]	Attenuation [dB/100m]	Max. Power [W]
30	4.4	1443
150	9.4	645
450	17.6	373
800	23.3	280
1000	26.7	250
1500	33.1	204
2000	38.8	177
2500	44.1	158
3000	48.6	144
5200	68.6	110
5800	72.4	104