Laird™
Smart Technology. Delivered.

Plenum Rated Coaxial Cable
TL-097010

TL-097010 HIGH-EFFICIENCY LOW-TEMPERATURE PLENUM CABLE

The TL-097010 plenum cable has superior low-loss electrical performance, high UV stability, and exceptional all climate toughness in a single plenum rated product. The lead-free off-white PVDF outer jacket resists scuffs, cracks, aging, burning sun, freezing cold, and rough handling to keep your installation working and looking good. Shielding is 100% with adhered foil plus the added mechanical strength of 90% tinned copper braid. Foam FEP dielectric combines the high melting point of Teflon with the low dissipation loss of a premium microwave grade RG-58 cable. When the installation calls for all-weather performance plus plenum rated protection, TL-097010 is the way to go. TL-097010 is available in 1000 Ft. (305m) spools.

✔RoHS

SPECIFICATIONS	
Impedance	50 ± 2.0 ohms
Velocity of propagation	80%
Center conductor	Solid copper, 0.037"± 0.007"
Shield #1	Foil, aluminum/poly tape (adhered to dielectric)
Shield #2	Braid, 90% 36-AWG tin/copper
Outer jacket	Plenum PVDF, off-white, lead-free
Outer diameter	0.178"
Plenum rating	CMP(ETL)C(ETL), RoHS compliant*
Attenuation dB/100'	12.5 dB @ 900 MHz 23.6 dB @ 2.5 GHz 27.5 dB @ 4.0 GHz 35.0 dB @ 6.0 GHz
Installation temperature	-20°C to +65°C
Operating temperature	-30°C to +65°C

*DIR 2002/95/EC

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