

Telco LCU195 Coaxial Cable

Telco LCU195 is a 50Ω 5mm diameter cable designed to be a weatherproof high performance alternative to standard RG58. LCU195 maintains a 5mm diameter and trades flexibility for far superior electrical shielding (90dB) and much lower attenuation.

Introducing dB-FLEX

dB-FLEX is Telco's flagship subtype of LCU195 cabling, designed for maximum weather resistance and usability. LCU195 dB-FLEX sports a 7-strand bare copper centre conductor which permits repeated bending and much greater flexibility - similar to Times Microwave's LMR-195 UltraFlex. dB-FLEX has a UV-stable TPE (Thermoplastic Elastomer) jacket designed for harsh outdoor environments while maintaining maximum flexibility and minimising plastic memory (for improved wall-cavity feeding).

Electrical Specifications	
Resistance:	50Ω
Capacitance:	83.3pF/m
Signal Loss (typical, terminated cable):	- 0.42dB/m @ 850MHz - 0.63dB/m @ 1800MHz
Frequency Range:	DC-6GHz
Velocity of Propagation:	76%
Nominal Delay:	4.17ns/m
Voltage Withstand:	1000Volts DC
Peak Power:	2.5kW

Mechanical/Environmental Specifications	
Weight/100m:	3.0kg
Minimum Bend Radius:	12.7mm
Operating Temperature:	-40 °C to 85 °C (-40 °F to +185 °F)
Conductor Material:	Seven Strand Solid Copper (0.94mm)
Insulating Material:	Foam PE (2.79mm)
Outer Shield Material:	- (1) Bonded Aluminium Polyester Tape 100% Coverage (2.95mm) - (2) Tinned Copper Wire 88% Coverage (3.53mm)
Outer Jacket Material:	TPE Weather & UV Resistant (4.95mm ± 0.15mm)
Outer Diameter:	5mm