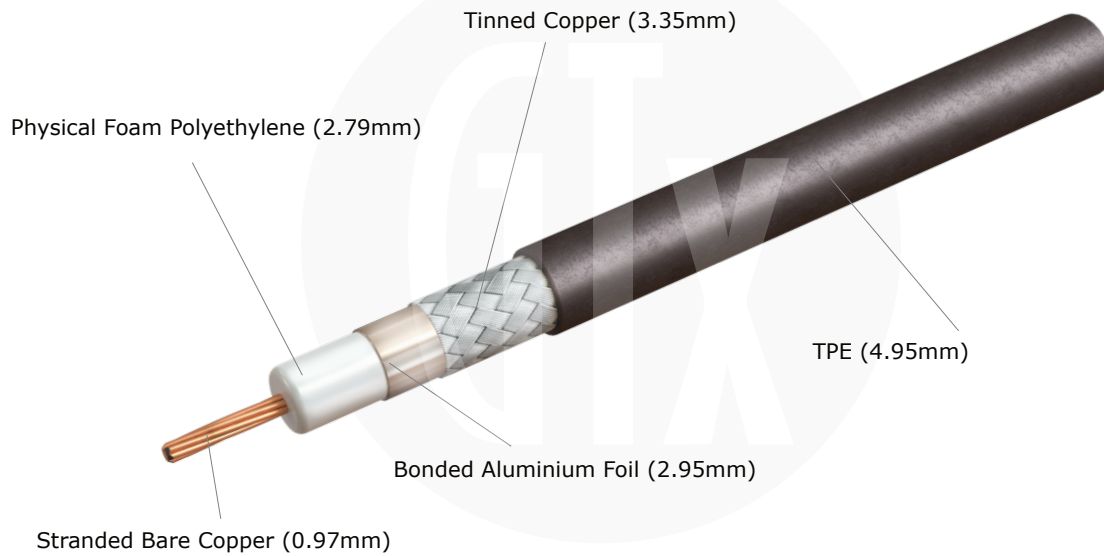


LBC195XF

Low Loss ExtraFlex Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Stranded Bare Copper (0.97mm)
Dielectric	Physical Foam Polyethylene (2.79mm)
First Shield	Bonded Aluminium Foil (2.95mm)
Second Shield	Tinned Copper (3.35mm)
Jacket	TPE (4.95mm)

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	11 GHz
Capacitance	80.3 pF/m
Velocity of Propagation	83%
Voltage Withstanding	1000V RMS Maximum

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	12.7mm
Bending Radius (flexing)	50.8mm
Weight	33 gms/m
RoHS Compliant	Yes
Temperature Range	-40 to +85 degrees C

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Low Loss ExtraFlex Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
150 MHz	17.30 dB	0.39
220 MHz	21.10 dB	0.32
450 MHz	30.40 dB	0.22
900 MHz	43.40 dB	0.16
1500 MHz	56.70 dB	0.12
1800 MHz	62.40 dB	0.11
2000 MHz	65.90 dB	0.10
2500 MHz	74.20 dB	0.09
3000 MHz	81.80 dB	0.08
5800 MHz	116.70 dB	0.06

