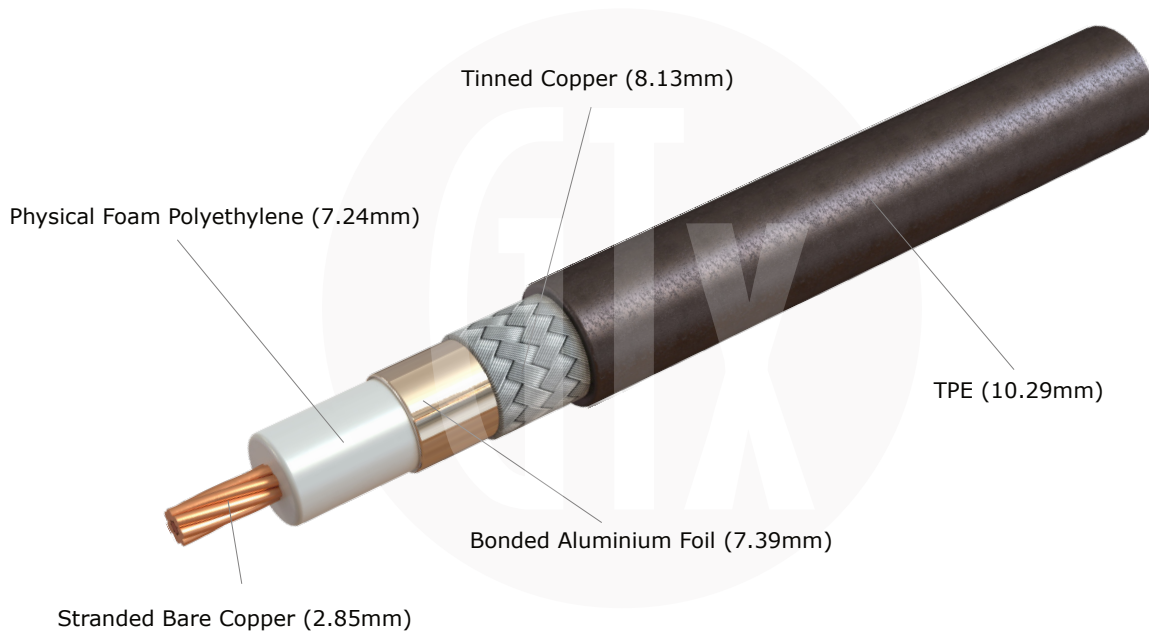


LBC400XF

Low Loss Extraflex Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Stranded Bare Copper (2.85mm)
Dielectric	Physical Foam Polyethylene (7.24mm)
First Shield	Bonded Aluminium Foil (7.39mm)
Second Shield	Tinned Copper (8.13mm)
Jacket	TPE (10.29mm)

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	11 GHz
Capacitance	78.0 pF/m
Velocity of Propagation	83%
Voltage Withstanding	2500V RMS Maximum

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	25.4mm
Bending Radius (flexing)	101.6mm
Weight	101 gms/m
RoHS Compliant	Yes
Temperature Range	-40 to +85 degrees C

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FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
150 MHz	5.90 dB	1.22
220 MHz	7.22 dB	1.00
450 MHz	10.82 dB	0.69
900 MHz	15.42 dB	0.48
1500 MHz	20.34 dB	0.36
1800 MHz	22.30 dB	0.33
2000 MHz	23.62 dB	0.31
2500 MHz	26.57 dB	0.28
3000 MHz	27.90 dB	0.25
5800 MHz	42.64 dB	0.17

