

Connectors Cables Specialists Ltd,
 Unit 6 Stort Mill,
 Riverway, Harlow,
 Essex
 Tel 01279 639251
 Email: Sales@ccsukltd.co.uk
 Web: www.ccsukltd.co.uk

LLA240UF CABLE



Mechanical Characteristics

Construction:

Inner Conductor: 7/0.485mm Plain Copper Wire
 Dielectric: Foam Polyethylene Insulation
 Screen: Bonded Aluminium Polyester Foil tape
 Screen: Tinned Copper Wire Braid
 Outer Sheath: TPE ● BLK

Insulation Diameter: 3.80mm (Nominal)
 Storage/Operating Temperature: -15°C to +70°C
 Minimum Installation Temperature: 0°C
 Standard Reel Lengths: 500m
 1000m
 Custom Lengths

*Cable image and colours are for illustration purposes only and may vary.

Application

Suitable for many applications, including jumper assemblies in wireless communication and short antenna feeder runs.



Electrical Characteristics

DC Resistance Inner Conductor @ 20°C: $\leq 14.50 \Omega/\text{km} @ 20^\circ\text{C}$
 DC Resistance Inner Conductor @ 20°C: $\leq 13.0 \Omega/\text{km} @ 20^\circ\text{C}$
 Characteristic Impedance: $50 \pm 30\Omega$
 Capacitance: 79pF/m (nominal)
 Velocity Ratio: 0.85
 Attenuation (d/B 100m @ 20°C)

50MHz	6.8	1500MHz	38.9
150MHz	11.9	1800MHz	42.8
220MHz	14.4	2000MHz	45.2
450MHz	20.8	2500MHz	50.9
900MHz	29.8	5800MHz	80.1

Return Loss:

5 - 470MHz	≥ 25
470 - 1000MHz	≥ 24