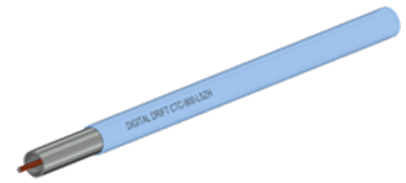


# DIGITAL DRIFT ULR CABLE

POWER · CONNECTIVITY · SIMPLICITY

The Digital Drift ULR coaxial cable is a hardline coaxial cable that forms the backbone of the Digital Drift network, passing power and communications between devices. LSZH sheathing is available for below-ground applications, and flooded cable is available for reliable long term operation in wet or in-ground environments.



CONSTRUCTION MATERIALS	
Jacket Material	Fire retardant PVC LSZH
Centre Conductor	Copper-clad aluminium
Construction Type	Swaged
Dielectric Material	Foam PE
Outer Conductor Material	Aluminium

## Specifications

Items	Technical Requirements	
Diameter of inner conductor (CCA)	2.77mm	
Diameter of insulation	11.43mm	
Outer Conductor AL tube	12.70mm	
Jacket	14.22mm	
DC resistance of inner conductor	≤ 4.4Ω/km	
DC resistance of outer conductor	≤ 1.2Ω/km	
Velocity of propagation %	87	
Capacitance Pf/m	50±2	
Impedance	75Ω	
Attenuation @20°C ≤ dB/100m	Frequency	dB/100m
	5 MHz	0.52
	55 MHz	1.77
	211 MHz	3.58
	250 MHz	3.94
	300 MHz	4.3
	350 MHz	4.69
	400 MHz	5.02
	500 MHz	5.67
	600 MHz	6.27
	750 MHz	7.09
	865 MHz	7.68
1000 MHz	8.27	

ENVIRONMENTAL SPECIFICATIONS	
Flame Test Listing	FT1
Upper/Lower Temperature Rating	90°C to -30°C

MECHANICAL SPECIFICATIONS	
Minimum Bend Radius, standard	152mm
Pulling Tension, maximum	136 kg

REGULATORY COMPLIANCE/CERTIFICATIONS	
ISO 9001:2008	