

Broadband

LTC ADSS

LTC ADSS - Outdoor, Aerial metallfree cable.

All Dielectric Self-Supporting Cable, metalfree, with dry waterblocking and aramid yarns under the outersheath. This cable is to be used under all dielectric circumstances, for example on distribution and high voltage power lines, railway, tram, trolley bus lines and between buildings.

Because of its strong tensile members it is suitable for aerial applications without using additional strenght members.

This cable is suitable for span-lengths of max. 80 mtrs., according to NESC Heavy Loading code.

Characteristics	Properties	Unit
Product group	Fibre Optic Cables	
Series	Fibre optic cable Single mode	
Type	LTC ADSS	
Standardization	IEC 60794-3-20	
Application	Outside	
Cable metal free	Yes	
Strain relief	Yes	
UV resistant	Yes	
Halogen free (acc. EN 50267-2-2)	Yes	
Longitudinal water blocking	Yes	
Type of tube	Loose tube, gel filled	
Fibre Type	Single mode	
Optical fibre standard	ITU-T G.652.D	
Strip method	1 Rip cord	
Material outer sheath	HDPE	
Colour outer sheath	Black	
Installation temperature	-10 / 50	°C
Operation temperature range	-40 / 70	°C
Transportation and storage temperature	-40 / 70	°C
Construction and Colour codes	See appendix	

Partnumber manufacturer	Construction	Bending radius during installation (mm)	Bending radius after installation (mm)	Net weight (Kg/km)	Outer diameter approx. (mm)	Tensile load during installation (Tm)
77650	12 x Singlemode (6 x 2)	210	160	86	10,6	3550
77651	24 x Singlemode (6 x 4)	215	160	87	10,7	4200
77652	24 x Singlemode (2 x 12)	230	175	100	11,6	4950
77653	48 x Singlemode (4 x 12)	230	175	102	11,6	5050
74111	48 x Singlemode (6 x 8)	230	175	101	11,5	4150
77654	72 x Singlemode (6 x 12)	230	175	103	11,6	5150
77655	96 x Singlemode (8 x 12)	265	200	120	13,3	5350
77656	144 x Singlemode (12 x 12)	330	250	202	16,4	6300
77657	144 x Singlemode (6 x 24)	275	205	129	13,6	6550
77658	192 x Singlemode (16 x 12)	320	240	183	16,1	6150
77659	192 x Singlemode (8 x 24)	330	250	180	15,4	6050
77660	216 x Singlemode (18 x 12)	320	240	205	15,8	7500
77661	216 x Singlemode (9 x 24)	330	250	211	16,8	6900