

Aerial Fibre Optic Cable

metall free

HELUCOM®

ADSS



Cable structure

Core type: Loose tube
GRP support element
Strain relief elements: Aramide
Inner sheath material: PE
Outer sheath material: PE
Outer sheath colour: Black

Temperature range

Laying, min.: -10°C
Laying, max.: +60°C
Operating, min.: -25°C
Operating, max.: +70°C

Other data

Sag at 25°C ADSS 9: 2,0m
Sag at 25°C ADSS 16: 4,5m
Sag at 25°C : m
Halogen-free acc. to 60754-2
Longitudinally water-tight acc. to IEC 60794-1-2-F5
Cable, laterally water-tight
UV-resistant

Designation	Number of fibres	Fibre type	Number of fibres per core	Span width m	Max. tensile force kN	Additional load daN / m	Min. stat. bending radius mm	Outer Ø app. mm	Weight kg / km	Part no.
ADSS 9	12	Single-mode E9/125	12	150	9	0,5	410	13,6	135	82390
ADSS 9	24	Single-mode E9/125	12	150	9	0,5	410	13,6	137	82391
ADSS 9	36	Single-mode E9/125	12	150	9	0,5	470	15,6	177	82392
ADSS 9	48	Single-mode E9/125	12	150	9	0,5	470	15,6	178	82393
ADSS 9	60	Single-mode E9/125	12	150	9	0,5	450	15,0	161	82394
ADSS 9	96	Single-mode E9/125	12	150	9	0,5	450	15,5	180	804275
ADSS 9	144	Single-mode E9/125	12	150	9	0,5	630	20,8	316	82395
ADSS 16	12	Single-mode E9/125	12	350	16	0,3	430	14,4	162	82396
ADSS 16	24	Single-mode E9/125	12	350	16	0,3	430	14,4	165	82397
ADSS 16	36	Single-mode E9/125	12	350	16	0,3	500	16,4	200	82398
ADSS 16	48	Single-mode E9/125	12	350	16	0,3	500	16,4	201	82399
ADSS 16	60	Single-mode E9/125	12	350	16	0,3	480	15,8	184	82400
ADSS 16	96	Single-mode E9/125	12	350	16	0,3	480	16,0	200	804276
ADSS 16	144	Single-mode E9/125	12	350	16	0,3	650	21,6	333	82401

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM® outdoor cables designed as aerial cables for freely suspended installations on posts and masts. The construction is waterproof in longitudinal direction thanks to the use of jelly-filled bundle cores and swelling tape. The outer jacket is UV-resistant and at the same time provides protection against environmental influences, such as snow, ice, sun insolation and wind. Corresponding accessories like suspension and tension fittings are in chapter 5.