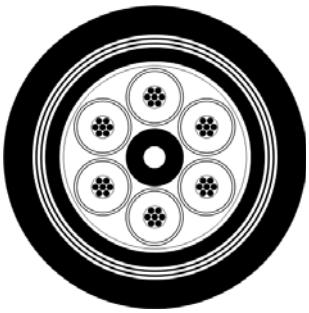
Aerial Fibre Optic Cable

HELUCOM®

RoHS

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

Other data

Sag at 25°C ADSS 9: 2,0 m
Sag at 25°C ADSS 16: 4,5 m
Sag at 25°C ADSS 35: 9,5 m
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 ca. mm	Weight kg / km	**Part no.**
ADSS 9	12	Single-mode E9/125	4	150	9	0,5	410,0	13,6	135,0	**82390**
ADSS 9	24	Single-mode E9/125	4	150	9	0,5	410,0	13,6	137,0	**82391**
ADSS 9	36	Single-mode E9/125	6	150	9	0,5	470,0	15,6	177,0	**82392**
ADSS 9	48	Single-mode E9/125	8	150	9	0,5	470,0	15,6	178,0	**82393**
ADSS 9	60	Single-mode E9/125	12	150	9	0,5	450,0	15,0	161,0	**82394**
ADSS 9	144	Single-mode E9/125	12	150	9	0,5	630,0	20,8	316,0	**82395**
ADSS 16	12	Single-mode E9/125	4	350	16	0,3	430,0	14,4	162,0	**82396**
ADSS 16	24	Single-mode E9/125	4	350	16	0,3	430,0	14,4	165,0	**82397**
ADSS 16	36	Single-mode E9/125	6	350	16	0,3	500,0	16,4	200,0	**82398**
ADSS 16	48	Single-mode E9/125	8	350	16	0,3	500,0	16,4	201,0	**82399**
ADSS 16	60	Single-mode E9/125	12	350	16	0,3	480,0	15,8	184,0	**82400**
ADSS 16	144	Single-mode E9/125	12	350	16	0,3	650,0	21,6	333,0	**82401**
ADSS 35	12	Single-mode E9/125	4	700	35	0,35	520,0	17,2	198,0	**82402**
ADSS 35	24	Single-mode E9/125	4	700	35	0,35	520,0	17,2	200,0	**82403**
ADSS 35	36	Single-mode E9/125	6	700	35	0,35	580,0	19,2	240,0	**82404**
ADSS 35	48	Single-mode E9/125	8	700	35	0,35	580,0	19,2	241,0	**82405**
ADSS 35	60	Single-mode E9/125	12	700	35	0,35	560,0	18,6	227,0	**82406**
ADSS 35	144	Single-mode E9/125	12	700	35	0,35	730,0	24,4	381,0	**82407**

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.

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