

CASVOLT™ NSHXAFÖ

1.8/3 kV
-40°C to +90 °C , 1.8/3 kV



Construction

Type: low voltage rubber cable
Core: tin-plated copper
Insulation: extruded rubber compound 3G13
Sheath: LSZH Rubber (Low Smoke Zero Halogen)

Production

Range width: 1.5 to 300 mm²
Options: Please consult us for any special requirements

Application

Transportation: Rubber-insulated halogen-free low voltage cable for installation in trains, trams, busses, and cars as well as industrial clutch equipment and distribution up to 1 kV.

General characteristics

Chemical behavior: excellent resistance to oil

Thermal characteristics

Operating temperature: -40°C to +90°C

Electrical characteristics

Operating Voltage: 1.8/3kV
Test Voltage: 6000V

Approvals – Standards

Flame retardant: EN 60332-1-2 / IEC 60332-1-2
Halogen free: EN 50267-1 / IEC 50267-1
Low smoke: EN 61034-1-2 / IEC 61034-1-2
Oil-resistant: EN 60811-404 / IEC 60811-404

CASMO Part-No.	No. Conductors x cross-sec. mm ²	Outer Diameter		Weight	
		(mm)	(in)	(kg/km)	(lbs/kft)
6100101	1 x 1.5	7.0	0.276	62	39
6100102	1 x 2.5	7.5	0.295	76	47
6100103	1 x 4	9.0	0.354	95	59
6100104	1 x 6	9.5	0.374	140	87
6100105	1 x 10	11.0	0.433	190	118
6100106	1 x 16	13.0	0.512	270	168
6100107	1 x 25	15.0	0.591	410	255
6100108	1 x 35	16.5	0.650	490	304
6100109	1 x 50	18.0	0.709	650	404
6100110	1 x 70	20.5	0.807	900	559
6100111	1 x 95	24.0	0.945	1200	746
6100112	1 x 120	26.0	1.024	1450	901
6100113	1 x 150	28.0	1.102	1800	1119
6100114	1 x 185	31.0	1.220	2200	1367
6100115	1 x 240	34.5	1.358	2650	1647
6100116	1 x 300	38.0	1.496	3250	2020

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