A-2YF(L)2Y...ST III BD Outdoor Cable

A-2YF(L)2Y...ST III BD - Outdoor telecommunication cable VDE 0816, longitudinal and lateral watertightness, use as directly and indirectly buried/ burial cable



Suitable for outdoor use

Interference signals

UV-resistant

Application range

External cables for telecommunication and data processing systems
Do not install cables that are meant to be placed in ducts or for direct burial in areas exposed to fire hazards

Product features

Outer sheath colour: black (RAL 9005)
UV-resistant and laterally watertight
Filled version (A-2YF(L)2Y...ST III BD) is addionally longitudinal watertight

Norm references / Approvals

In accordance with DIN VDE 0816

Product Make-up

Similar to A-2Y(L)2Y, but with petroleum-jelly filling, laminated sheath made of aluminium-coated plastic tape, and black PE outer sheath

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000829 ETIM 5.0 Class-Description: Signal-/telecommunications cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000829

Last Update (30.12.2023)
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PN 0456 / 02_03.16

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	ETIM 6.0 Class-Description: Signal-/telecommunications cable
Core identification code:	According to VDE 0816, refer to Appendix T10
Mutual capacitance:	At 800 Hz: max. 52 nF/km
Coupling:	K1: 98 % <400 pF/300 m K9-12: 98 % < 100 pF/300 m
Conductor cross-section in:	0.6 mm: 0.28 mm^2 0.8 mm: 0.50 mm^2
Cable attenuation/attenuation:	At 800 Hz 0.6 mm: approx. 1.0 dB/km At 800 Hz 0.8 mm: approx. 0.8 dB/km
Minimum bending radius:	10 x outer diameter
Test voltage:	Core/core: 500 V Core/screen: 2000 V
Loop resistance:	0.6 mm: 130 ohm/km 0.8 mm: 73.2 ohm/km
Temperature range:	During installation: -20 °C to +50 °C After installation: ≤ +70 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
* Trade product, no Lapp product
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Prices are net prices without VAT and surcharges. Sale to business customers only.

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PRODUCT INFORMATION

Article number	Number of double cores	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
A-2YF(L)2Y...ST III BD copper conductor 0.6 mm				
1591028	2	8.3	11	67
1591029	4	10.4	23	104
1591030	6	11	34	130
1591031	10	12.5	57	180
1591032	20	16	113	300
1591033	30	19	170	420
1591035	50	22.3	283	620
1591037	100	30.5	565	1225
A-2YF(L)2Y...ST III BD copper conductor 0.8 mm				
1591217	2	8.8	20	83
1591218	4	11.2	40	134
1591221	6	12	60	180
1591222	10	14	101	250
1591223	20	19.1	201	460
1591224	30	22	302	630
1591225	40	24	402	800
1591226	50	26	503	975
1591228	100	36	1005	1900

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