

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

A-2Y(L)2Y...ST III BD - Outdoor telecommunication cable according to VDE 0816, specially layered jacket for 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 additionally longitudinal watertight

### Norm references / Approvals

In accordance with DIN VDE 0816

### Product Make-up

Solid bare copper conductor

Core insulation made of polyethylene (PE)

5 star-quads are twisted into each basic unit, which is then twisted together with the main unit to form the cable core

Paper tape wrapping

Laminated sheath with aluminium-coated plastic tape, PE outer sheath

### Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000829

Last Update (05.06.2023)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

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

Classification ETIM 6:	ETIM 5.0 Class-Description: Signal-/telecommunications cable ETIM 6.0 Class-ID: EC000829 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 <sup>2</sup> 0.8 mm: 0.50 mm <sup>2</sup>
Cable attenuation/attenuation:	At 800 Hz 0.6 mm: approx. 1.04 dB/km At 800 Hz 0.8 mm: approx. 0.78 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](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

\* Trade product, no Lapp product

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of double cores	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
A-2Y(L)2Y...STIII BD copper conductor 0.6 mm				
1591050	2	8.1	11	80
1591052	6	10.3	34	130
1591053	10	11.5	57	165
A-2Y(L)2Y...ST III BD copper conductor 0.8 mm				
1591150	2	8.6	20	100
1591151	4	10.9	40	160
1591152	6	11.5	60	175
1591153	10	13.5	101	235
1591154	20	17.3	201	390

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