



USE OF CABLE

outdoor telephone cable for railway station telecommunication, in business and industrial facilities, in telecommunication and IT-systems for lossless transmission of datas and signals. Suitable for fixed laying in dry and humid rooms, on-wall and in-wall, outdoor use and laying underground.



SPECIAL FEATURES

- shielded by plastic coated aluminium tape
- quads stranded in bundles (St III Bd) with PE-outer sheath in layers
- largely resistant to acids, bases, saline solution, water, alcohol, oil and petrol
- free from lacquer damaging substances and silicone (during production)
- A-2Y(L)2Y St III Bd: radially watertight, A-2YF(L)2Y St III Bd: radially & longitudinally watertight
- UV-resistant outer sheath

REMARKS

- conform to RoHS
- conform to 2006/95/EC-Guideline CE.
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Copper conductor blank
Conductor class:	Conductor-Ø 0,6 mm (0,28 mm ²), conductor-Ø 0,8 mm (0,5 mm ²)
Core insulation:	PE
Core identification:	Acc. to VDE 0816: basic colours with black printed rings
Stranding:	Cores stranded to star-quads, bundles stranded in layers; A-2YF(L)2Y St III Bd: hollow spaces of cable strand filled with jelly filling
Shield3:	Double-sided plastic coated aluminium tape
Outer sheath:	PE
Sheath colour:	Black
Rated voltage:	225 V
Testing voltage:	Core/core: 500 V; core/shield: 2 kV
Conductor resistance:	Loop: 0,6 max. 130 Ω / km ; 0,8 max 73,2 Ω / km
Insulation resistance:	Min. 5 GΩ x km
Current-carrying-capacity:	Acc. to DIN VDE, s. Techn. Guidelines
Capacity:	Max. 52 nF/km
Min. bending radius fixed:	7,5 x d
Min. bending radius moved:	10 x d
Operat. temp. fixed min/max:	+70 °C
Operat. temp. moved min/max:	-20 °C / +50 °C
Standard:	Acc. to DIN VDE 0816

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
2000580	2 X 2 X 0,6	10,5	11,00	80,00	black	V1: A-2Y(L)2Y ST III BD
2000029	4 X 2 X 0,6	11,0	23,00	125,00	black	V1: A-2Y(L)2Y ST III BD
2002088	6 X 2 X 0,6	11,5	34,00	130,00	black	V1: A-2Y(L)2Y ST III BD
2002247	10 X 2 X 0,6	13,0	57,00	165,00	black	V1: A-2Y(L)2Y ST III BD
2002248	20 X 2 X 0,6	16,0	113,00	265,00	black	V1: A-2Y(L)2Y ST III BD
2000024	30 X 2 X 0,6	18,0	170,00	355,00	black	V1: A-2Y(L)2Y ST III BD
2000027	40 X 2 X 0,6	19,5	226,00	440,00	black	V1: A-2Y(L)2Y ST III BD
2000031	50 X 2 X 0,6	21,0	283,00	525,00	black	V1: A-2Y(L)2Y ST III BD
2002978	70 X 2 X 0,6	23,5	396,00	705,00	black	V1: A-2Y(L)2Y ST III BD
2002979	100 X 2 X 0,6	27,0	565,00	950,00	black	V1: A-2Y(L)2Y ST III BD
2002980	150 X 2 X 0,6	32,5	848,00	1345,00	black	V1: A-2Y(L)2Y ST III BD

A-2Y(L)2Y St III Bd , A-2YF(L)2Y St III Bd

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
2002981	200 X 2 X 0,6	36,5	1131,00	1755,00	black	V1: A-2Y(L)2Y ST III BD
2002982	250 X 2 X 0,6	39,5	1414,00	2140,00	black	V1: A-2Y(L)2Y ST III BD
2002983	300 X 2 X 0,6	42,5	1696,00	2525,00	black	V1: A-2Y(L)2Y ST III BD
2002984	350 X 2 X 0,6	47,5	1979,00	2950,00	black	V1: A-2Y(L)2Y ST III BD
2002985	400 X 2 X 0,6	50,5	2262,00	3340,00	black	V1: A-2Y(L)2Y ST III BD
2002986	500 X 2 X 0,6	53,5	2827,00	4090,00	black	V1: A-2Y(L)2Y ST III BD
2000023	2 X 2 X 0,8	12,5	20,00	100,00	black	V1: A-2Y(L)2Y ST III BD
2000030	4 X 2 X 0,8	13,0	40,00	160,00	black	V1: A-2Y(L)2Y ST III BD
2000360	6 X 2 X 0,8	13,5	60,00	175,00	black	V1: A-2Y(L)2Y ST III BD
2000928	10 X 2 X 0,8	15,0	101,00	235,00	black	V1: A-2Y(L)2Y ST III BD
2002987	14 X 2 X 0,8	16,5	141,00	296,00	black	V1: A-2Y(L)2Y ST III BD
2501150	20 X 2 X 0,8	18,0	201,00	390,00	black	V1: A-2Y(L)2Y ST III BD
2000025	30 X 2 X 0,8	21,0	302,00	540,00	black	V1: A-2Y(L)2Y ST III BD
2000028	40 X 2 X 0,8	23,5	402,00	680,00	black	V1: A-2Y(L)2Y ST III BD
2000032	50 X 2 X 0,8	25,0	503,00	835,00	black	V1: A-2Y(L)2Y ST III BD
2002988	60 X 2 X 0,8	27,0	603,00	965,00	black	V1: A-2Y(L)2Y ST III BD
2002249	70 X 2 X 0,8	28,5	704,00	1110,00	black	V1: A-2Y(L)2Y ST III BD
2002989	80 X 2 X 0,8	29,5	804,00	1250,00	black	V1: A-2Y(L)2Y ST III BD
2002170	100 X 2 X 0,8	32,5	1005,00	1515,00	black	V1: A-2Y(L)2Y ST III BD
2002990	150 X 2 X 0,8	40,0	1508,00	2205,00	black	V1: A-2Y(L)2Y ST III BD
2002991	200 X 2 X 0,8	43,5	2010,00	2920,00	black	V1: A-2Y(L)2Y ST III BD
2002992	300 X 2 X 0,8	54,6	3016,00	4230,00	black	V1: A-2Y(L)2Y ST III BD
2003228	2 X 2 X 0,6	8,0	11,00	78,00	black	V2: A-2YF(L)2Y ST III BD
2003334	4 X 2 X 0,6	11,0	23,00	125,00	black	V2: A-2YF(L)2Y ST III BD
2000708	6 X 2 X 0,6	12,0	34,00	140,00	black	V2: A-2YF(L)2Y ST III BD
2000011	10 X 2 X 0,6	14,0	57,00	190,00	black	V2: A-2YF(L)2Y ST III BD
2000017	20 X 2 X 0,6	17,5	113,00	310,00	black	V2: A-2YF(L)2Y ST III BD
2000019	30 X 2 X 0,6	20,0	170,00	430,00	black	V2: A-2YF(L)2Y ST III BD
2002993	40 X 2 X 0,6	22,5	226,00	545,00	black	V2: A-2YF(L)2Y ST III BD
2002312	50 X 2 X 0,6	24,5	283,00	660,00	black	V2: A-2YF(L)2Y ST III BD
2002994	70 X 2 X 0,6	25,5	396,00	895,00	black	V2: A-2YF(L)2Y ST III BD
2000008	100 X 2 X 0,6	31,5	565,00	1225,00	black	V2: A-2YF(L)2Y ST III BD
2000013	150 X 2 X 0,6	38,0	848,00	1780,00	black	V2: A-2YF(L)2Y ST III BD
2000015	200 X 2 X 0,6	43,5	1131,00	2315,00	black	V2: A-2YF(L)2Y ST III BD
2002995	250 X 2 X 0,6	48,5	1414,00	2895,00	black	V2: A-2YF(L)2Y ST III BD
2002996	300 X 2 X 0,6	50,5	1696,00	3480,00	black	V2: A-2YF(L)2Y ST III BD
2000361	6 X 2 X 0,8	13,5	60,00	195,00	black	V2: A-2YF(L)2Y ST III BD
2000012	10 X 2 X 0,8	15,5	101,00	275,00	black	V2: A-2YF(L)2Y ST III BD
2000018	20 X 2 X 0,8	19,5	201,00	475,00	black	V2: A-2YF(L)2Y ST III BD
2501149	30 X 2 X 0,8	22,5	302,00	665,00	black	V2: A-2YF(L)2Y ST III BD
2000020	40 X 2 X 0,8	25,5	402,00	860,00	black	V2: A-2YF(L)2Y ST III BD
2000021	50 X 2 X 0,8	27,5	503,00	1050,00	black	V2: A-2YF(L)2Y ST III BD
2000022	70 X 2 X 0,8	31,5	704,00	1420,00	black	V2: A-2YF(L)2Y ST III BD

A-2Y(L)2Y St III Bd , A-2YF(L)2Y St III Bd

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
2000009	100 X 2 X 0,8	36,5	1005,00	1985,00	black	V2: A-2YF(L)2Y ST III BD
2000014	150 X 2 X 0,8	45,5	1508,00	2935,00	black	V2: A-2YF(L)2Y ST III BD
2000016	200 X 2 X 0,8	51,5	2010,00	3750,00	black	V2: A-2YF(L)2Y ST III BD
2002997	250 X 2 X 0,8	58,0	2513,00	4650,00	black	V2: A-2YF(L)2Y ST III BD
2002998	300 X 2 X 0,8	62,0	3016,00	5550,00	black	V2: A-2YF(L)2Y ST III BD