



USE OF CABLE

installation cable, data transmission cable, control and connecting cable in telecommunication and IT-systems as well as in measurement and control technology for lossless data and signal transmission. Suitable for use in dry and humid rooms, outdoor use only with UV-protection. No laying underground.



SPECIAL FEATURES

- shielded by plastic clad aluminium foil
- pairs stranded to bundles (Bd)
- largely resistant to acids, bases and specified types of oils
- free from lacquer damaging substances and silicone (during production)
- also available:
 - RD-Y(St)Y Bd EB with blue outer sheath for intrinsically safe systems
 - RD-Y(St)Yv Bd with strengthened outer sheath or halogenfree RD-H(St)H Bd
- suitable for maxi-termi-point applications by 7-wire conductors

REMARKS

- conform to RoHS
- conform to 2006/95/EC-Guideline CE
- installation cables are not designed for high voltage purposes and are not suitable for laying underground
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	7 wired
Core insulation:	PVC
Core identification:	Acc. to VDE 0815 different colours
Stranding:	Pairs stranded to bundles
Shield3:	Plastic clad aluminium foil with subjacent drain wire 0,8 mm
Outer sheath:	PVC
Sheath colour:	Grey RAL7000
Rated voltage:	225 V
Testing voltage:	Core/core: 2 kV; core/shield: 2 kV
Conductor resistance:	Loop: 0,5: max 78,4 Ω / km; 1,0: max 36,8 Ω / km
Insulation resistance:	Min 100 MΩ x km
Current-carrying-capacity:	Acc. to DIN VDE, s. Techn. Guidelines
Capacity:	Max. 100 nF/km
Min. bending radius fixed:	7,5 x d
Min. bending radius moved:	10 x d
Operat. temp. fixed min/max:	-30 °C / +70 °C
Operat. temp. moved min/max:	- 5 °C / +50 °C
Burning behavior:	Acc. to VDE 0472-804-B und IEC 60332-1
Standard:	Acc. to DIN VDE 0815

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
2000222	2 X 2 X 0,5	6,5	25,00	65,00	grey	V1: RD-Y(ST)Y BD
2000225	4 X 2 X 0,5	9,0	45,00	110,00	grey	V1: RD-Y(ST)Y BD
2000226	8 X 2 X 0,5	11,5	85,00	180,00	grey	V1: RD-Y(ST)Y BD
2000218	12 X 2 X 0,5	13,5	125,00	250,00	grey	V1: RD-Y(ST)Y BD
2000220	16 X 2 X 0,5	15,5	165,00	310,00	grey	V1: RD-Y(ST)Y BD
2000219	20 X 2 X 0,5	17,5	205,00	383,00	grey	V1: RD-Y(ST)Y BD
2000221	24 X 2 X 0,5	19,0	245,00	450,00	grey	V1: RD-Y(ST)Y BD
2000223	32 X 2 X 0,5	21,0	325,00	560,00	grey	V1: RD-Y(ST)Y BD
2000224	48 X 2 X 0,5	25,5	485,00	810,00	grey	V1: RD-Y(ST)Y BD
2000227	96 X 2 X 0,5	34,0	965,00	1570,00	grey	V1: RD-Y(ST)Y BD
2000893	2 X 2 X 0,5	6,5	25,00	65,00	blue	V2: RD-Y(ST)Y BD EB
2001133	4 X 2 X 0,5	9,0	45,00	110,00	blue	V2: RD-Y(ST)Y BD EB
2003092	8 X 2 X 0,5	11,5	85,00	180,00	blue	V2: RD-Y(ST)Y BD EB
2003093	12 X 2 X 0,5	13,5	125,00	250,00	blue	V2: RD-Y(ST)Y BD EB
2000892	16 X 2 X 0,5	15,5	165,00	310,00	blue	V2: RD-Y(ST)Y BD EB

RD-Y(ST)Y Bd & RD-Y(St)Yv Bd | RD-Y(ST)Y Bd EB & RD-Y(St)Yv Bd EB

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
2003094	24 X 2 X 0,5	19,0	245,00	450,00	blue	V2: RD-Y(ST)Y BD EB
2003095	32 X 2 X 0,5	21,0	325,00	560,00	blue	V2: RD-Y(ST)Y BD EB
2003096	48 X 2 X 0,5	25,6	485,00	810,00	blue	V2: RD-Y(ST)Y BD EB
2003097	96 X 2 X 0,5	34,0	965,00	1570,00	blue	V2: RD-Y(ST)Y BD EB
2003107	2 X 2 X 0,5	9,0	25,00	95,00	grey	V3: RD-Y(ST)Yv BD
2000906	4 X 2 X 0,5	10,5	45,00	145,00	grey	V3: RD-Y(ST)Yv BD
2003108	8 X 2 X 0,5	12,5	85,00	240,00	grey	V3: RD-Y(ST)Yv BD
2001120	12 X 2 X 0,5	15,0	125,00	330,00	grey	V3: RD-Y(ST)Yv BD
2003109	16 X 2 X 0,5	17,0	165,00	400,00	grey	V3: RD-Y(ST)Yv BD
2003110	24 X 2 X 0,5	20,0	245,00	520,00	grey	V3: RD-Y(ST)Yv BD
2003111	32 X 2 X 0,5	22,0	325,00	720,00	grey	V3: RD-Y(ST)Yv BD
2003112	48 X 2 X 0,5	27,5	485,00	1050,00	grey	V3: RD-Y(ST)Yv BD
2003113	96 X 2 X 0,5	38,5	965,00	1900,00	grey	V3: RD-Y(ST)Yv BD
2003098	2 X 2 X 0,5	9,0	25,00	95,00	blue	V4: RD-Y(ST)Yv BD EB
2003099	4 X 2 X 0,5	10,6	45,00	145,00	blue	V4: RD-Y(ST)Yv BD EB
2003100	8 X 2 X 0,5	12,6	85,00	240,00	blue	V4: RD-Y(ST)Yv BD EB
2003101	12 X 2 X 0,5	15,0	125,00	330,00	blue	V4: RD-Y(ST)Yv BD EB
2003102	16 X 2 X 0,5	17,0	165,00	400,00	blue	V4: RD-Y(ST)Yv BD EB
2003103	24 X 2 X 0,5	20,0	245,00	520,00	blue	V4: RD-Y(ST)Yv BD EB
2003104	32 X 2 X 0,5	22,0	325,00	720,00	blue	V4: RD-Y(ST)Yv BD EB
2003105	48 X 2 X 0,5	27,6	485,00	1050,00	blue	V4: RD-Y(ST)Yv BD EB
2003106	96 X 2 X 0,5	38,6	965,00	1900,00	blue	V4: RD-Y(ST)Yv BD EB