



# 2YC2Y

PE DC cable for antenna systems, screened

SPECIAL CABLES

Underground cable for use in telecommunications installations and related installations. Suitable for installation under ground, in water, cable ducts etc.



## TECHNICAL DATA



**Test Voltage**  
4000 V / 50 Hz



**Rated Voltage**  
300/500 V (U<sub>0</sub>/U)



**Bending radius (min.)**  
Fixed installation: 5 x  $\phi$  of cable  
Flexible use: 10 x  $\phi$  of cable



**Core identification**  
Blue and red



**Temperature range**  
Fixed installation: -40°C up to 85°C  
Flexible use: -40°C up to 85°C

## DESIGN



- 1 Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 Core insulation of polyethylene (PE)
- 3 Wrapping with plastic tape
- 4 Tinned copper wire braiding
- 5 Non-woven wrapping over braiding
- 6 Outer sheath of special thermoplastic halogen-free elastomer compound based on polyethylene (PE), UV resistant, colour: black (RAL 9005)

Number of cores x nominal cross-section (mm <sup>2</sup> )	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
2 x 0.75	6.2	27.7	47
2 x 1	6.6	32.6	51
2 x 1.5	7.4	42.4	66
2 x 2.5	8.7	64.9	97
2 x 4	10.2	108.0	148
2 x 6	12.0	154.0	210
2 x 10	13.6	239.0	296
2 x 16	16.1	361.0	442
2 x 25	20.7	551.0	680
2 x 35	23.1	781.0	873



#### CONTACT PERSON

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