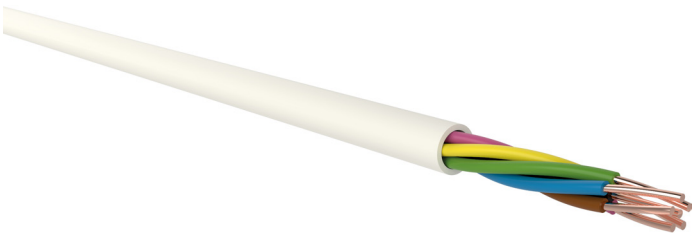
SCHWECHATER KABELWERKE

YR

PVC telecommunications installation cable

DESIGN



1 I Copper conductor, round solid
2 I Core insulation (PVC), cores stranded in layers
3 I Sheath (PVC white RA 1013)

APPLICATION

Optimal use for intercommunication buildings, not qualified for high voltage systems, always install in safe materials (pipes/tubes and channels).

TECHNICAL DATA

Standard:
EN 50575

Operating voltage:
100 V

Test voltage:
500 V / 50 Hz

Temperature range:

fixed:	-30 °C up to 70 °C
moved:	-5 °C up to 50 °C
conductor temperature:	max. 70 °C

Bending radius (min.):
8 x Ø of wire

Core identification:
Farbcode für YR-Leitungen

Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}

ELECTRICAL PARAMETERS		
Conductor diameter	(mm)	0.8
Conductor resistance, max. at 20 °C	(Ω/km)	36.6
Insulation resistance, min. at 20 °C	(MΩ.km)	100
Mutual capacitance	(nF/km)	max. 300

Number of cores x conductor diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
YR			
2 x 0.8	4.2	24	500 Sp, 1000 Sp
3 x 0.8	4.8	30	500 Sp, 1000 Sp
4 x 0.8	5.2	36	500 Sp, 1000 Sp
5 x 0.8	5.8	44	500 Sp, 1000 Sp
6 x 0.8	6.0	52	500 Sp, 1000 Sp
8 x 0.8	6.3	63	500 Sp, 1000 Sp
10 x 0.8	7.4	92	500 Sp, 1000 Sp
12 x 0.8	7.7	94	500 Sp, 1000 Sp
14 x 0.8	8.2	107	500 Sp, 1000 Sp
16 x 0.8	8.4	135	500 Sp, 1000 Sp
20 x 0.8	9.4	160	500 Sp, 1000 Sp
24 x 0.8	10.4	194	500 Sp, 1000 Sp

Technical changes reserved. All figures are therefore without guarantee.

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