

DATA SHEET	1591050
OUTDOOR TELEPHONE CABLE A-2Y(L)2Y a. A-2YF(L)2Y	valid from : 30.06.1999

Application

Subscriber cable for short distances, e.g. for connecting telephone subscribers to central offices or for junctions between central offices.

The cable is also used for connections in industrial plants.

Cable make up

Conductor	solid bare copper wire 0,6 or 0,8 mm diameter
Insulation	A-2Y(L)2Y Polyethylene 2YI1 acc.to VDE 207 part 2 A-2YF(L)2Y Polyethylene 2YI2 acc.to VDE 207 part 2
colour coding	VDE 0816 part 1
Lay up	4 conductors twisted to a form a star quad; the star quads stranded in units to form the cable core; core wrapping of tapes; screen of longitudinal aluminium tape, plastic-coated. For A-2YF(L)2Y cable type: air spaces of the cable core filled with viscous compound.
Sheathing	polyethylene sheath 2YM2 and VDE 0207 part 3, screen and sheath welded together.

Technical Data

Temperature range	
during installation	-20 to 50 degrees C
installed	up to 70 degrees C
Minimum bending radius	10 x cable diameter
Peak to peak voltage	225 V
Test voltage	Core/Core 500 V, Core/Screen 2000 V

The cables are approved acc. to VDE 0816 and worked by the VDE approval mark. Cables with sheath or protective cover of polyethylene require sufficient protective measures when installed in places exposed to fire or explosion hazard. Not admitted for power current installations.

elaborated by: TE-K:	Document: DB1591050_2EN	page 1 of 1
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