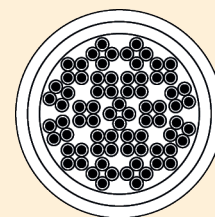
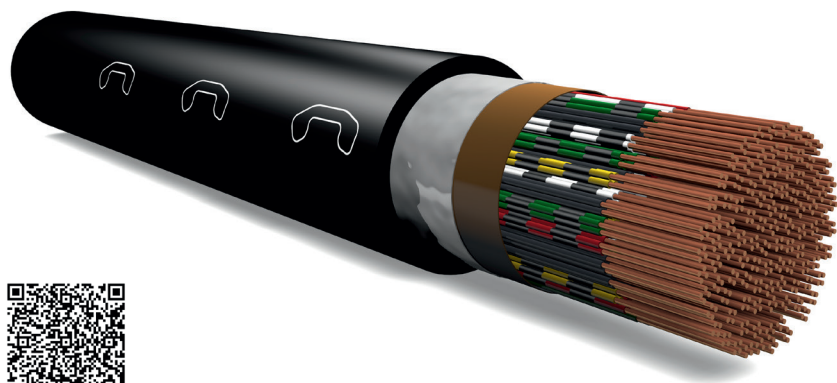


A02YS F (L)2Y...ST III Bd

Telephone subscriber line cable

RoHS

CROSS SECTION



Acc. to DIN VDE 0816

APPLICATION

Local connection cables for telecommunication systems in operating and industrial facilities for direct installation underground, in cable ducts and tubes. They are not authorised for heavy current installation purposes. The PE material is halogen free but not flame retardant. The black PE sheath is resistant to UV rays and weather conditions. This cable offers a particularly notable weight advantage in the case of high numbers of pairs.

STRUCTURE

Conductor	Copper conductor, bare, solid; star quad bundle stranding; core wrapping
Coers	Foam skin PE insulation Labelling using basic colours with black ringed coating
Filling	Petroleum jelly
Shield	Layered sheath
Outer sheath	PE layered sheath

TECHNICAL DATA

Nominal voltage	225 V
Test voltage	2000 V
Loop resistance	At 0.6 mm: 130.4 Ohm/km At 0.8 mm: 73.2 Ohm/km
Insulation resistance	Min. 1.5 GOhm x km
Damping	At 800 Hz.: for 0.6 mm: 1.0 dB/km for 0.8 mm: 0.8 dB/km
Operating capacity (at 800 Hz)	0.6 mm: max. 42 nF/km 0.8 mm: max. 42 nF/km
Min. bending radius	10 x cable diameter
Temperature range	-40°C to +70°C (fixed installation) -20°C to +50°C (moving)
Coupling	K1: 800 pF/300m K9-12: 300 pF/300m
Ozone resistance	HD 505.2.1 and 811
Smoke density	HD 606 and IEC 601034-1, 601034-2 and BS 7622 parts 1+2

SPECIAL FEATURES

Sheath colour
Black, with continuous speaker icon

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
A-02YSF(L)2Y ST III Bd 2x2x0.6	11.0	9.0	69	4239000
A-02YSF(L)2Y ST III Bd 4x2x0.6	23.0	10.5	101	4239001
A-02YSF(L)2Y ST III Bd 6x2x0.6	34.0	12.0	135	4239002
A-02YSF(L)2Y ST III Bd 10x2x0.6	57.0	13.0	175	4239003
A-02YSF(L)2Y ST III Bd 20x2x0.6	113.0	15.0	270	4239004
A-02YSF(L)2Y ST III Bd 30x2x0.6	170.0	17.5	370	4239005
A-02YSF(L)2Y ST III Bd 40x2x0.6	226.0	20.0	470	4239006
A-02YSF(L)2Y ST III Bd 50x2x0.6	283.0	21.5	570	4239007
A-02YSF(L)2Y ST III Bd 70x2x0.6	396.0	25.0	770	4239008
A-02YSF(L)2Y ST III Bd 100x2x0.6	565.0	30.0	1060	4239009
A-02YSF(L)2Y ST III Bd 150x2x0.6	848.0	35.5	1550	4239010
A-02YSF(L)2Y ST III Bd 200x2x0.6	1131.0	36.0	1715	4239011
A-02YSF(L)2Y ST III Bd 300x2x0.6	1696.0	42.0	2490	4239012
A-02YSF(L)2Y ST III Bd 500x2x0.6	2827.0	53.0	4054	4239013
A-02YSF(L)2Y ST III Bd 2x2x0.8	20.0	8.5	74	4239021
A-02YSF(L)2Y ST III Bd 4x2x0.8	40.0	10.5	120	4239022
A-02YSF(L)2Y ST III Bd 6x2x0.8	60.0	13.0	180	4239023
A-02YSF(L)2Y ST III Bd 10x2x0.8	101.0	15.0	260	4239024
A-02YSF(L)2Y ST III Bd 20x2x0.8	201.0	19.0	430	4239025
A-02YSF(L)2Y ST III Bd 30x2x0.8	302.0	22.0	580	4239026
A-02YSF(L)2Y ST III Bd 40x2x0.8	402.0	24.0	740	4239027
A-02YSF(L)2Y ST III Bd 50x2x0.8	503.0	27.0	905	4239028
A-02YSF(L)2Y ST III Bd 70x2x0.8	704.0	31.0	1230	4239029
A-02YSF(L)2Y ST III Bd 100x2x0.8	1005.0	31.5	1690	4239030
A-02YSF(L)2Y ST III Bd 150x2x0.8	1508.0	36.5	2165	4239031
A-02YSF(L)2Y ST III Bd 200x2x0.8	2011.0	42.5	2825	4239032
A-02YSF(L)2Y ST III Bd 300x2x0.8	3016.0	52.5	4220	4239033