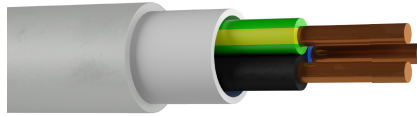


AT-N05VV-U (YM-J) 300/500 V - Sheathed cables with solid conductor



Application

Indoor applications, or outdoor laying in trench; in cable duct; protected from solar radiation.

Global data

Standard	ÖVE/ÖNORM E 8242
Type designation	AT-N05VV-U

Design features

Conductor	Copper conductor
Insulation	PVC insulation
Filler	Extruded rubber filler
Outer sheath	PVC outersheath
Available colours	Gray
Marking	AT-N05VV-U 3 x 1,5 RE 300/500 V

Electrical parameters

Rated voltage	300/500 V
Test voltage (AC)	2 kV

Chemical parameters

Performance against fire	EN 60332-1
Lead Free	Yes

Thermal parameters

Max. operating temperature of conductor	70 °C
Max. operating temperature of the conductor	90 °C
Minimum installation temperature	-5 °C

Number of cores x cross section	Outer diameter nom. mm	Weight (approx.) kg/km	Conductor DC resistance at 20°C Ω /km	Delivery length m
3G1,5RE	7.8	110	12.1	100
3G2,5RE	8.9	156	7.41	100
3G4RE	10.1	218	4.61	100
3G6RE	11.6	300	3.08	100
4G1,5RE	8.5	133	12.1	100
4G2,5RE	9.7	192	7.41	100
4G4RE	11.4	278	4.61	100
4G6RE	12.6	373	3.08	1000
4G10RE	15.5	592	1.83	1000
5G1,5RE	9.2	160	12.1	100
5G2,5RE	10.8	236	7.41	100
5G4RE	12.4	333	4.61	1000
5G6RE	13.8	450	3.08	1000
5G10RE	17	718	1.83	1000
7G1,5RE	10.1	208	12.1	1000
7G2,5RE	12	309	7.41	1000