



SY-KNX2P20-V

KNX BUS, 2P 20AWG CU, OSP, GREEN PVC, CPR Eca, 100M



Application:

KNX, EIB cable for building management



General

Cable Type	KNX Cable	
Conductor	Solid Copper	
Number of Pairs	2	
Isolation Material	PVC	
Isolation Color	Black&Red; White&Yellow	
Drain wire	Tinned Copper	
Foil	AL/Poly	
Jacket Material	PVC	
Jacket Color	Green	
Packing	100m coil	

Dimensions

Conductor diameter	20AWG	0.030 in
Isolation diameter	1.40 mm	0.055 in
Isolation thickness	0.30 mm	0.012 in
Drain wire diameter	0.30 mm	0.012 in
Diameter over jacket	4.80 mm	0.189 in
Jacket wall thickness	0.55 mm	0.022 in
Coil	Outer Diameter	250 mm
	Center Hole	90 mm
	Coil Height	80 mm

Mechanical

Operating Temperature	-20°C to + 60°C	
Bend Radius	Dynamic	61 mm Min.
	Static	30 mm Min.

Electrical

Conductor DC Resistance	38 Ohms / km Max.	11.6 Ohms / kft Max.
Max. Recommended Current [A]	2.3 Amps per conductor @ 25°C	
Mutual Capacitance	5 nF / 100m	1.5 nF / 100ft
Rated Voltage	300 V	
Dielectric Strength	1500 Vac 2500 Vdc Min.	

Compliance

Applicable	RoHS2.0(2011/65/EU)	
Reaction to fire	IEC 60332-1-2	
Warranty	EN 50575:2014+A1:2016 EN 13501-6(Eca)	
	3 years	



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