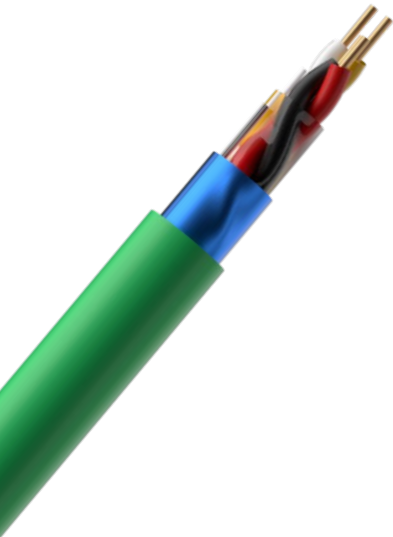


SY-KNX2P20-V

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



Application:

KNX, EIB cable for building management



General			
Cable Type		Bus 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	9.8 in
	Center Hole	90 mm	3.5 in
	Coil Height	80 mm	3.1 in
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	
		EN 50575:2014+A1:2016 EN 13501-6(Eca)	
Warranty		3 years	

