

KNX Certified EIB Bus Cable CMP Plenum Rated



KNX Certified TP1
Reg: 820/22372/26

Key Features

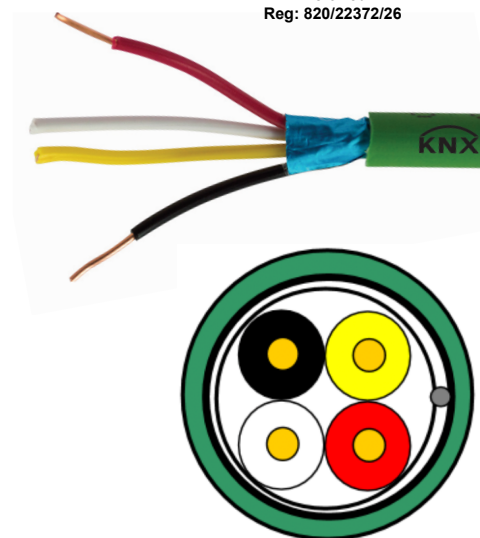
- KNX Certified
- 3rd Party ETL Verified
- Plenum Rated: ETL CMP FT6 Rated
- Wooden Spool
- Limited Lifetime Warranty
- RoHS, REACH, CE

Description

Plenum Rated EIB Bus Cable - KNX Certified TP1 Reg: 820/22372/26 Plenum 2 PAIR, 20 AWG (0.8MM) SOL BC, AL FOIL SH, c(ETL)us CMP 5015458 Jkt- Green - 1000ft/305m Spool

Applications

KNX is the approved worldwide standard for Home and Building Control. KNX is the world's only open Standard for control in both residential and commercial buildings. KNX recognition and certification is administered by the KNX Association. The SCP KNX Bus cable is officially certified by KNX.



Construction

Conductor	Material	Bare Copper	Rip Cord	No	
	Solid/Stranded	Solid	Drain Wire	Tinned Copper 0.4mm	
	Size	20AWG - 0.8mm			
	Insulated Conductor OD	0.4mm			
	Insulation Material	FEP	Jacket/Sheath	Material	CMP PVC
	Insulation OD Avg.	1.6±0.05mm		Nominal Jacket Thickness	1.1mm±0.1mm
	Color Code	Red,Black,White,Yellow		Color Code	RAL6018
	Twisted Pair	YES	Overall Cable Diameter (OD)		
	Lay Length	3.94inch / 150mm		6.3mm±0.2mm	
Twists per foot/meter	7 twists/m				
Shielding/Screen	Type	100% Wrap			
	Material	Al Foil			

Mechanical Properties

Bend Radius	Min Bend Radius (Installation)	10D
	Min Bend Radius (Operation)	20D
Insulation Tensile Strength	Unaged / Elongation %	27.54MPa
	Aged / Elongation %	317.90%
Jacket/Screen Tensile Strength	Unaged / Elongation %	14.16MPa
	Aged / Elongation %	217.30%
Cable Cold Bend (-20°C for 4 hrs)	No Crack	

Standards Reference

Manufactured in Accordance to: NEC Article 725, RoHS, REACH, CE
North America Installation Rating: Plenum ETL CMP cETL FT6 ; NEC Type CL3P/CL2P 75°C
EU (EMEA) Installation Rating: EN50575 EuroClass Dca-s3,d2,a3

Environmental Compliance

RoHS Compliant: RoHS II/III, EU/UK RoHS
 REACH, WEEE Directive, WFD:2023, SCIP:2023, POPs (EU) No 2019/1021
 Wood Spool – Made with recyclable materials

 California Prop 65 Warning – California Residents Only
 WARNING: This Product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information: www.P65Warnings.ca.gov

Electrical Characteristics

DC Resistance (at 20°C)	≤36.4Ω	Maximum Current (25°C)	2.5A
Insulation Resistance (at 20°C)	40000 MΩ/km (20°) / 5 MΩ/km (70°)"	Rated Voltage	Insulated - 300V
Mutual Capacitance	49.4nF/KM		Operating Low Voltage - 80V
Impedance	-	Test Voltage Between Conductors	Min. 800VAC
Inductance	-		

Environmental Parameters

Temperature Range - Operating	-20°C to 75°C (-4°F to 167°F)	Temperature Range - Storage	0°C to 40°C (32°F to 104°F)
Temperature Range - Installation	0°C to 40°C (32°F to 104°F)		

Cable Jacket Markings

STRUCTURED CABLE PRODUCTS --- EIB-BUS-2x2-P--- KNX Certified TP1 Reg: 820/22372/26 Plenum –5015458 c(ETL)us CMP 2x2 Star Quad 20AWG (0.8mm) Sol BC, AL Foil Shield w/Drain, CMP Jkt – RoHS Zone/Device A B C D E 0 1 2 3 4 5 6 7 8 9 ***** FT [po number]

Above jacket markings are an example for reference purposes. All SCP jacket markings include descending feet or meter markings and our industry leading zone and outlet legend for easy cable identification during installation.

Part Numbers

Item No.	UPC	Jacket Color	Package Length	Package Type	Package Weigth (lb/kg)	Item Dimensions (mm)
North America:						
EIB-BUS-2X2-P	810093728701	Green	1000ft/305m	Spool	47.3/21.5	300*135*300

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