Belden



Product: YE00820

KNX, 2PR 0.8mm Sol BC, PE ins,OS, PVC jkt, Eca

Product Description

KNX, 2 Pair, 0.8 mm cond diameter, Bare Copper - Solid, PE insulation, Overall Beldfoil® shielding, PVC jacket , CPR Eca

Technical Specifications

Product Overview

Suitable Applications:	KNX, EIB cable for building management

Construction Details

Conductor

Stranding	Material
Solid	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PE - Polyethylene	0.3 mm (0.012 in)	1.4 mm (0.055 in)	White & Red & Yellow & Black

Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	1.2 mm (0.047 in)	6.1 mm (0.24 in)

Electrical Characteristics

Electricals

Max. Conductor DCR	Nom. Capacitance Cond-to-Cond
37.5 Ohm/km (11.4 Ohm/1000ft)	50 pF/m (15 pF/ft)

Voltage

Voltage Rating
300 V

Mechanical Characteristics

Temperature

Operating	Storage
-20°C To +70°C	-30°C to +70°C

Bend Radius

Installation Min.
61 mm (2.4 in)

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Eca
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.207 Revision Date: 08-21-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
YE00820.00100	Green	Reel	100 m	8719605112606
YE00820.00500	Green	Reel	500 m	8719605112637
YE00820.001000	Green	Reel	1,000 m	8719605112613
YE00820.K01000	Green	Reel	1,000 m	8719605112651
YE00820.001525	Green	Reel	1,525 m	8719605112620

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