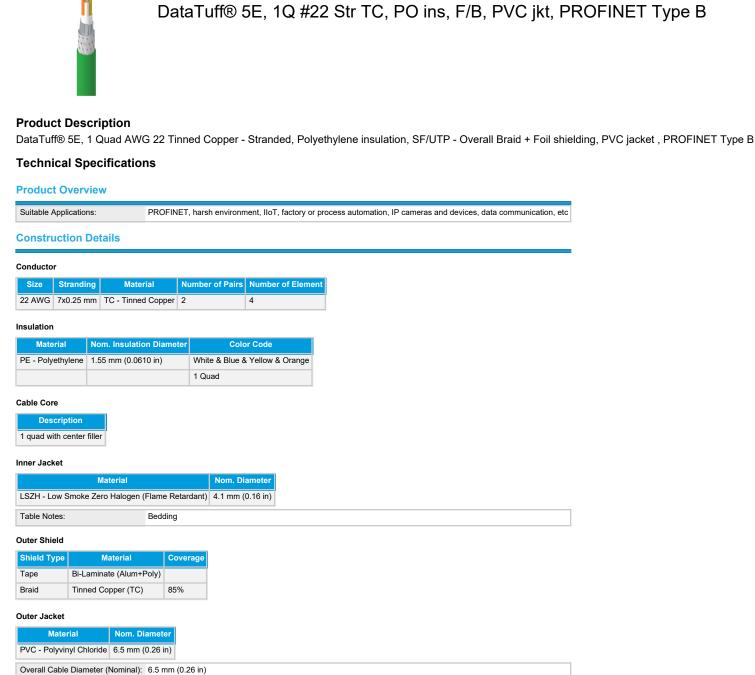


Product: <u>70007E</u> ☑



## Electrical Characteristics

530 ns/100m 68%

Electricals	
Max. Conductor DCR	Nom. Characteristic Impedance
57.1 Ohm/km	100 Ohm
Delay Max. Delay Nom. Ve	slocity of Prop

### High Frequency

Frequency [MHz]	Max. Insertion Loss (Attenuation)		Min. NEXT [dB]	Min. ACRF (ELFEXT) [dB]	Min. SRL (Structural Return Loss) [dB]
1	2.1 dB/100m		65.3	64	
4	4.1 dB/100m		56.3	52	23
10	6.5 dB/100m		50.3	44	25
16	8.3 dB/100m		47.2	40	25
31.25	11.7 dB/100m		42.9	34	23.6
62.5	17 dB/100m		38.4	28	21.5
100	22 dB/100m		35.3	24	20.1
Table Notes:		Reference standard:	ISO/IEC 11801 e	d 2.0, Cat 5e	

### Transfer Impedance

Frequency	Max. Transfer Impedance
10 Mhz	Max. 10 mOhm/m

### Voltage

Voltage Rating

# **Mechanical Characteristics**

#### Temperature

Operating	Installation	Storage	
-40°C to +80°C	-5°C To +60°C	-40°C to +80°C	

### **Standards and Compliance**

Environmental Suitability:	Indoor - Euroclass Eca, Oil Resistance
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
AWM Compliance:	AWM 2464
Data Category:	Category 5e
ISO/IEC Compliance:	ISO/IEC 11801-1
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark

## **History**

Update and Revision:

Revision Number: 0.260 Revision Date: 12-20-2022

## **Part Numbers**

### Variants

Item #	Color	Putup Type	Length	EAN
70007E.01B100	Green	Flat Box	100 m	8719605009333
70007E.01305	Green	Reel	305 m	8719605009319
70007E.01500	Green	Reel	500 m	8719605009326
70007E.011000	Green	Reel	1,000 m	8719605009296
70007E.011525	Green	Reel	1,525 m	8719605009302

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