



Product: [STBLK22](#)

Station Block Wire, 4C, UTP, CMG

Product Description

Station Block Wire, 4 - 22 AWG Solid Bare Copper Conductors, Unshielded, CMG Rated, PVC Jacket

Technical Specifications

Product Overview

Suitable Applications:	Station Protector, Service Entrance Device
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Construction Details

Conductor

Size	Stranding	Material
22 AWG	Solid	BC - Bare Copper

Insulation

Material	Color Code
PO - Polyolefin	Red, Yellow, Green, Black

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.143 in (3.63 mm)

Electrical Characteristics

Electricals

Max. Conductor DCR
93.8 Ohm/km (28.6 Ohm/1000ft)

High Frequency

Frequency [MHz]	Max. Insertion Loss (Attenuation)	Min. PSNEXT [dB]	Min. SRL (Structural Return Loss) [dB]	Max./Min. Fitted Impedance [Ohm]
0.772	2.2 dB/100m	43		
1	2.6 dB/100m	41	12	100 ± 15
4	5.6 dB/100m	32	12	100 ± 15
8	8.5 dB/100m	28	12	100 ± 15
10	9.7 dB/100m	26	12	100 ± 15
16	13.1 dB/100m	23	10	100 ± 15

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-30°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
1 in (25 mm)	1 in (25 mm)

Max. Pull Tension:	40 lbs (18 kg)
Bulk Cable Weight:	21 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 (FT4 Loading), FT4
NEC / UL Compliance:	CMG
CEC / C(UL) Compliance:	CMG
Data Category:	Category 3
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Jacket sequentially printed with dual footage and meter markings.
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History

Update and Revision:	Revision Number: 0.301 Revision Date: 05-31-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
STBLK22 Y29B984	Almond		984 ft	612825060918
STBLK22 Y29B984	Almond		984 ft	612825060918
STBLK22Y29B984B	Almond		984 ft	611589500500
STBLK22Y29U984B	Almond	UnReel	984 ft	611589500517

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