


Product: [2219/27C](#) 

Communication and Control, 27PR #22, Str, PVC, Semi Rigid, 150 V, AWM/STYLE 2576 80C, CM 75C, VW-1, CSA CMG, CSA FT4

Product Description

Communication and Control, 27 Pair 22 AWG (7/30) TC - Tinned Copper, PVC, Semi Rigid Insulation, Overall Aluminum/Polyester Shield, Slate PVC Outer Jacket, AWM/STYLE 2576 80C, CM 75C, VW-1, CSA CMG, CSA FT4 CMG, FT4 UL FT4, VW-1; CSA FT4

Technical Specifications

Product Overview

Suitable Applications:	Data, communication, audio, and low-level signal transmission; industrial networking, serial communication, control panels, automation equipment, and instrumentation systems.
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	27	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.010 in (0.25 mm)	0.050 in (1.3 mm)	Black-Red, Black-White, Black-Green, Black-Blue, Black-Brown, Black-Yellow, Black-Orange, Red-Green, Red-White, Red-Blue, Red-Yellow, Red-Brown, Red-Orange, Green-Blue, Green-White, Green-Brown, Green-Orange, Green-Yellow, White-Blue, White-Brown, White-Orange, White-Yellow, Blue-Brown, Blue-Orange, Blue-Yellow, Brown-Orange, Brown-Yellow

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.040 in (1.0 mm)	0.589 in (15.0 mm)

Overall Cable Diameter (Nominal):	0.589 in (15.0 mm)
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Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence
Pair(s)	24.2 pF/ft (79.4 pF/m)	44 pF/ft (140 pF/m)	78 Ohm

Nom Outer Shield DCR:	83 Ohm/1000ft (270 Ohm/km)
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Voltage

Voltage Rating
150 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

Bend Radius

Stationary Min.
5.9 in (150 mm)

Max. Pull Tension:	159 lbs (72.1 kg)
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
NEC / UL Compliance:	Article 800, CMG, CM
AWM Compliance:	AWM 2576
CEC / C(UL) Compliance:	CMG.
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.116 Revision Date: 08-28-2026
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Part Numbers

Variants

Item #	Color
2219/27C SL002	Black and Red
2219/27C SL001	Black and Red
2219/27C SL005	Black and Red

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