



Product: [972129Z](#)

Fieldbus, 5 Pr #16 Str TC, XLPO Ins, IS/OS, LSZH-TS Jkt, Brnz Brd Armor, LSZH-TS Jkt, 600V TC-ER

Product Description

Fieldbus, 5 Pair 16AWG (7x24H) Tinned Copper, XLPO Insulation, Individual & Overall Beldfoil® Shield, LSZH-TS Inner Jacket, Bronze Braid Armor, LSZH-TS Outer Jacket, 600V TC-ER

Technical Specifications

Product Overview

Suitable Applications:	harsh environment digital and serial two-way communication, oil and gas extraction and refining sites, petrochemical, Profibus process automation or Foundation FieldBus process automation, extreme temperature environments, exposure to humidity/moisture, dust, and oil, remote locations long distance applications, etc.
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material
16	7x24	TC - Tinned Copper

Insulation

Material
XLPE - Cross-Linked Polyethylene (Thermoset)

Inner Jacket

Material
LSZH - Low Smoke Zero Halogen (Flame Retardant, Thermoset)

Outer Jacket

Material
LSZH - Low Smoke Zero Halogen (Flame Retardant, Thermoset)

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	UPC
972129Z 0105000	Black	612825257479

History

Update and Revision:	Revision Number: 0.162 Revision Date: 02-03-2025
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