

Product: 1042AE

Inst, 12 pairs #16 Str BC, PVC-Nylon Ins E1, OS, Blk PVC Jkt, 300V PLTC-ER ITC CMG

Product Description

UL Instrumentation, 12 Pairs 16AWG (7x24) Bare Copper, PVC-Nylon Insulation E1 Color Code, Overall Beldfoil® Shield, Black PVC Outer Jacket, PLTC-ER ITC CMG AWM 2464 SUN RES DIR BUR

Technical Specifications

Product Overview

Suitable Applications:	Exposed Runs, Hazardous Locations,PLC,4-20ma

Construction Details

Conductor

Element	Size	Stranding	Material
Triad(s)	16	7x24	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter
Pair(s)	PVC/Nylon - Polyvinyl Chloride + Nylon	0.017 in (0.43 mm)	0.091 in (2.3 mm)

Outer Jacket

Nom. Thickness	Nom. Diameter	Ripcord
0.040 in (1.0 mm)	0.304 in (7.72 mm)	Yes

Mechanical Characteristics

Temperature

Operating
-30°C To +105°C

Bulk Cable Weight:	536 lbs/1000ft (798 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, Burial
NEC / UL Compliance:	CMG, ITC, PLTC
CEC / C(UL) Compliance:	CMG
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.6 Revision Date: 10-30-2026

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