

Product: 1477AE

Inst, 12 Pr #18+22 Str BC, PVC-Nylon Ins E1, OS/IS, Blk PVC Jkt, 300V PLTC-ER ITC-ER CMG

Product Description

UL Instrumentation, 12 Pair 18+22AWG (7x26+7x30) Bare Copper, PVC-Nylon Insulation E1 Color Code, Individual & Overall Beldfoil® Shield, Black PVC Outer Jacket, PLTC-ER ITC-ER 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
Conductor(s)	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC/Nylon - Polyvinyl Chloride + Nylon	0.017 in (0.43 mm)	0.091 in (2.3 mm)	Black, Orange (Communication Wire)

Outer Jacket

Nom. Thickness	Nom. Diameter	Ripcord
0.070 in (1.8 mm)	0.976 in (24.8 mm)	Yes

Mechanical Characteristics

Temperature

Operating
-30°C To +105°C

Bulk Cable Weight:	437 lbs/1000ft (650 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: 0.13 Revision Date: 10-30-2026

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product

Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.