



Product: [CA00652](#) 

DataTuff Industrial Cat 6A Patch Cord, molded RJ45, S/FTP 4pr AWG26/7, PUR, Sunlight & Oil Resistant (74005PU)

Product Description

DataTuff Industrial Ethernet Patchcord with ruggedized molded IP20 RJ45 to RJ45 plugs, Cat. 6A S/FTP (Overall Braid & Individual Foil) 4 pair AWG26 Str, PUR Jacket, Sunlight & Oil Resistant (Belden Cable 74005PU)

Technical Specifications

Product Overview

Suitable Applications: Industrial connectivity with ruggedized plugs IP20 RJ45 plugs engineered for enhanced durability in demanding environments. Support current and future Category 6a and 6 applications, such as: 10GBase-T (10 Gigabit Ethernet), 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM, PoE ++ IEEE 802.3 bt type 3 and type 4 is applicable for max. 10m patch cord applications.

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
26	Stranded	BC - Bare Copper	4

Insulation

Material
PE - Polyethylene (Foam)

Inner Shield

Element	Material
Individual Shielded Pair	Bi-Laminate (Alum+Poly)

Outer Shield

Material
Tinned Copper (TC)

Outer Jacket

Material	Nominal Diameter
PUR - Polyurethane (Halogen Free)	6.8 mm

Connectors

Materials

Description	Material
Plug	Polycarbonate
Boot	TPE
Front Connection	Phosphor Bronze with 30u inch Gold over Nickel Plating

Electrical Characteristics

Dielectric Strength:	1 kV DC
Current Rating:	1 A
Insulation Resistance:	5000 MOhm*km
Max Contact Resistance:	20 mOhm

Temperature Range

Installation Temperature Range:	-10°C To +60°C
Storage Temperature Range:	-40°C to +70°C

Mechanical Characteristics

Min Bend Radius (Overall Cable):	30 mm
Plug /Jack Compatibility:	RJ45

Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	1000 Cycles

Standards

UL AWM Style Compliance:	AWM 21292
ISO/IEC Compliance:	ISO/IEC 11801-1
Data Category:	Category 6A

Applicable Environmental and Other Programs

Environmental Space:	Indoor Rated (Not Riser or Plenum)
EU Directive 2002/95/EC (RoHS):	EU Directive 2011/65/EU (ROHS II)

Suitability

Suitability - Indoor:	Yes
Suitability - Oil Resistance:	Yes

Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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History

Update and Revision:	Revision Number: 0.14 Revision Date: 04-01-2026
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