

Features

- ▶ Cat.7 with up to 600MHz for 10GBase-T Ethernet and HDBaseT
- ▶ Duplex installation cable, S/FTP shielding
- ▶ Unassembled cable end on both sides
- ▶ High purity SBC copper conductors, AWG23, 7.7 / 16.4mm outer diameter
- ▶ Halogen-free (LSZH) jacket acc. to „CPR Eca+“, low smoke emissions in case of fire

Connections

Connectors	Unassembled, without connectors
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Cable

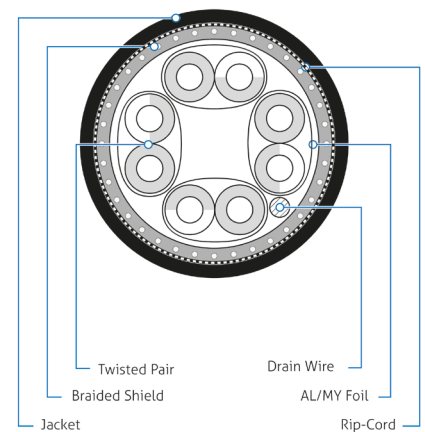
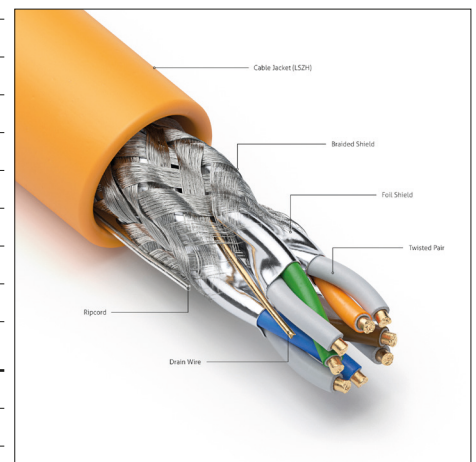
Type	Duplex Installation Cable with Solid Core Copper Conductors
Construction	2 Leads, each with 4x Twisted Pair - 1/0.56 CU
Shielding	S/FTP
Jacket Outer Material	LSZH (CPR Eca+)
Cable Outer Diameter	7.7mm (Single Cable), 16.4mm (Duplex)
AWG	AWG23
Ripcord	Integrated
Bending Radius	ca. 61.6mm
Tensile Strength	>10 Mpa
Sheath Printing	Compliance and Cat. Standards

Signal Transmission

Transmission Modes	Ethernet, HDBaseT, AVoIP etc.
Standard	Cat.7
Bandwidth	10Gbps / 600MHz
Impedance	15Ω up to 100 MHz, 18Ω up to 250 MHz, 25Ω up to 600 MHz
Delay Skew	<25ns / 100m
Unbalanced-to-Ground Capacitance	max. 330pf / 100m
DC Resistance	max. 9.38Ω / 100m

General

Transmission Distance	Up to 100m
Colour	Orange
Packaging	Polybag
Certification	CE, FCC, ROHS, REACH
Compliance	ISO/IEC 11801, EN50173-1, ANSI/TIA-568-C.2 & IEC60332-1-2



IQ-CAT7DX Overview

Parent	Art.-No.	Length	Colour	EAN
IQ-CAT7DX	IQ-CAT7DX-IC500	50.00m	orange	4251364724071
	IQ-CAT7DX-IC1000	100.00m	orange	4251364724088