

# Ethernet Patchcords for industrial applications

Our Ethernet patchcords are specifically designed to meet the strict requirements of PROFINET, ETHERNET/IP, EtherCAT and other standards for industrial applications. They are designed for **maximum reliability** and **real-time data transmission**, they **ensure seamless and uninterrupted communication in industrial networks**. Thanks to their robust construction and high-quality workmanship, our patchcords ensure **optimal functionality even in harsh and challenging environments**.






With resistance to mechanical stress, vibrations, and electromagnetic interference, they deliver consistent and high-speed connectivity. The patchcords are available in various lengths and configurations, our solution offers flexibility, fast and easy installation in diverse applications. Rely on our products for a secure, stable, and long-lasting connection that enhances the efficiency and reliability of your industrial automation systems.

## Patchcords are distinguished according to the following criteria:








- Assembled on one or both sides
- Different data connectors on the left and right end
- Different numbers of core pairs (2 or 4)
- Particularly suitable for fixed or flexible installation, use in cable chains and in torsion applications
- Different Cat. categories (Cat. 5, Cat.5e, Cat, 6, Cat.6A)
- Data connectors with versatile connector faces, pin configurations and colour coding (M8 A-coded, M12 D-coded, M12 X-coded, RJ45)
- Industry-compliant materials for outer sheath and core insulation

# Ethernet Patchcords for PROFINET

suitable also for ETHERNET/IP & EtherCAT

	Article Name	Category	Application area	Design
	ETHERLINE® PN Cabinet Cat.6a Patchcords	Cat. 6/6A	Flexible/ Cabinet	<b>Cable:</b> S/FTP; Polyurethane; 4x2x26/7 AWG <b>Connectors:</b> RJ45
	ETHERLINE® PN Cat.5 Patchcords	Cat. 5/5e	Fixed, PN Type A	<b>Cable:</b> SF/UTP; Polyvinylchloride; 2x2x22/7 AWG <b>Connectors:</b> M12 D / RJ45 / open end
	ETHERLINE® PN Flex Cat.5 Patchcords	Cat. 5/5e	Flexible, PN Type B	<b>Cable:</b> SF/UTP; Polyvinylchloride; 2x2x22/7 AWG <b>Connectors:</b> M12 D / RJ45 / open end
	ETHERLINE® PN FD Cat.5 M12 Patchcords	Cat. 5/5e	Cable Chain, PN Type C	<b>Cable:</b> SF/UTP; Polyurethane; 2x2x22/7 AWG <b>Connectors:</b> M12 D / RJ45 / open end
	ETHERLINE® TORSION Cat.6A Patchcords	Cat. 6/6A	Torsion, PN Type C	<b>Cable:</b> SF/FTP; Polyurethane; 4x2x24/7 AWG <b>Connectors:</b> M12 X

# Ethernet Patchcords for ETHERNET/IP & EtherCAT

	Article Name	Category	Application area	Design
	ETHERLINE® LAN Cat.6A Patchcords	Cat. 6/6A	Flexible/ Cabinet	<b>Cable:</b> S/FTP; Halogen-free compound; 4x2x26/7 AWG <b>Connectors:</b> RJ45
	ETHERLINE® Flex H Cat.5 Patchcords	Cat. 5/5e	Flexible	<b>Cable:</b> SF/UTP; Halogen-free compound; 2x2x26/7 AWG <b>Connectors:</b> M12 D / RJ45 / open end
	ETHERLINE® Flex P Cat.5 Patchcords	Cat. 5/5e	Flexible	<b>Cable:</b> SF/UTP; Polyurethane; 2x2x26/7 AWG <b>Connectors:</b> M12 D / RJ45 / open end
	ETHERLINE® EC FD Cat.5e Patchcords	Cat. 5/5e	Cable Chain	<b>Cable:</b> SF/UTP; Polyurethane; 2x2x26/19 AWG <b>Connectors:</b> M12 D / M8 A / RJ45 / open end
	ETHERLINE® FLEX Cat.6A Patchcords	Cat. 6/6A	Flexible	<b>Cable:</b> S/FTP; Polyurethane; 4x2x26/7 AWG <b>Connectors:</b> M12 X / RJ45 / open end
	ETHERLINE® FD Cat.6 Patchcords	Cat. 6	Cable Chain	<b>Cable:</b> SF/UTP; Polyurethane; 4x2x26/19 AWG <b>Connectors:</b> M12 X / RJ45 / open end
	ETHERLINE® TORSION Cat.6A Patchcords	Cat. 6/6A	Torsion	<b>Cable:</b> SF/FTP; Polyurethane; 4x2x24/7 AWG <b>Connectors:</b> M12 X

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