

Ethernet Cable

For high-speed commercial and industrial network connectivity

WIPE hotwire Ethernet Cables are engineered to deliver reliable, high-speed network performance for both commercial and industrial applications. Built with solid or stranded BC conductors and polyolefin insulation, they maintain signal integrity and consistent data transmission across demanding environments.

Ethernet cables form the critical backbone of any wired network infrastructure. From workstations to servers, switches to access points, they ensure data travels quickly, consistently, and without signal degradation, forming the invisible foundation of every high-performance network environment.



Key Features



Available in Category 5e and Category 6 configurations



Shielded and unshielded variants (STP and UTP)



2-pair and 4-pair configurations



23 AWG (Cat 6) and 24 AWG (Cat 5e) conductor sizes



Solid BC and stranded (7 × 32) BC conductor options



Low-smoke zero-halogen (LSZH) jacket



FEP insulation and jacket options for high-temperature environments

Applications



Commercial office and data centre networking



Industrial automation and control systems



Building management and structured cabling



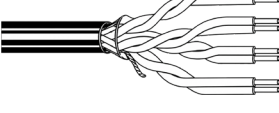
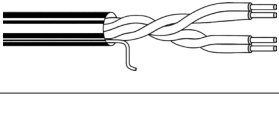
High-speed LAN and WAN infrastructure



Surveillance and security systems

Construction

- Solid or stranded BC conductors, polyolefin insulation
- PVC, FEP, LSZH, or polyethylene outer jacket options
- Overall Aluminum foil shielding with or without ATC braid (shielded variants)
- PVC inner jacket available on selected models
- Flame-resistant polyolefin inner jacket option (Cat 6)

Part Number	Cable Type	Drawing	Voltage Grade (V)	No. of Pair	Cable Size	Construction
WIB04PQB00M1	Category 6 • Shielded and Unshielded • 4-Pair		---	4 Pair	23 AWG	Solid BC Conductors • Polyolefin Insulation • Flame-Resistant Polyolefin Inner Jacket • Overall Aluminum Foil Shielding • PVC Outer Jacket
WIB04PQB0101			---	4 Pair		Solid BC Conductors • Polyolefin Insulation • PVC Jacket
WIB04PQB0001			---	4 Pair		Solid BC Conductors • Polyolefin Insulation • PVC Inner Jacket • PVC Outer Jacket
WIB04PQB010F			---	4 Pair		Solid BC Conductors • FEP Insulation • FEP Jacket
WIB04PRB01M1	Category 5e • Shielded • 4 Pair		---	4 Pair	24 AWG	Solid BC Conductors • Polyolefin Insulation • Overall Aluminum Foil Shielding • PVC Jacket
WIB04PRB01M1			---	4 Pair		Stranded (7 x 32) BC Conductors • Polyolefin Insulation • Overall Aluminum Foil Shielding • PVC Jacket
WIB04PRB01Y1			---	4 Pair		Solid BC Conductors • Polyolefin Insulation • Overall Aluminum Foil + 70% ATC Braid Shielding • PVC Jacket
WIB04PRB0101	Category 5e • Unshielded • 4 Pair		---	4 Pair	24 AWG	Solid BC Conductors • Polyolefin Insulation • PVC Jacket
WIB04PRB0001			---	4 Pair		Solid BC Conductors • Polyolefin Insulation • PVC Inner and Outer Jackets
WIB04PRT0101			---	4 Pair		Stranded (7 x 32) ATC Conductors • Polyolefin Insulation • PVC Jacket
WIB04PRB0101			---	4 Pair		Stranded (7 x 32) BC Conductors • Polyolefin Insulation • PVC Jacket
WIB04PRB010P			---	4 Pair		Solid BC Conductors • Polyolefin Insulation • Polyethylene Jacket
WIB04PRB010L			---	4 Pair		Solid BC Conductors • Polyolefin Insulation • LSZH Jacket
WIB04PRB010F			---	4 Pair		Solid BC Conductors • FEP Insulation • FEP Insulation
WIB02PRB01M1	Category 5e • Unshielded and Shielded • 2 Pair		---	2 Pair	24 AWG	Solid BC Conductors • Polyolefin Insulation • Overall Aluminum Foil Shielding • PVC Jacket
WIB02PRB0101			---	2 Pair		Solid BC Conductors • Polyolefin Insulation • PVC Jacket

Note : Part codes listed in this table apply only to the standard cable constructions. Customized or non-standard cable constructions shall be assigned part codes as per the nomenclature defined in this catalogue