

Industrial Ethernet Cables

M12 AND RJ45 CONFIGURATIONS

Industrial Ethernet is growing as the accepted network in the industrial environment due to its speed and data visibility. While Cat5E is the base requirement for industrial Ethernet, when you are working with a specific network like EtherNet/IP or PROFINET, higher requirements are a must with the components in the network. What really helps or hinders the quality of the network is the cables – they connect everything together. Available with M12 D-coded and/or RJ45 connectors, Balluff's 4 conductor cables are great for almost any industrial Ethernet application.

EtherNet/IP™



EtherCAT®

Features

TPE Shielded Flex 5 million

- ODVA compliant, Cat5e rated
- Chemical, oil and UV resistant
- 600V rated, 2 pair 26 AWG

PVC Shielded STP

- Shielded (F/UTP) flexible patch/jumper cable
- Cat5e rated
- Fire and chemical resistance

TPE Unshielded Flex 10 million

- ODVA compliant, Cat5e rated
- Fire, UV and low temperature performance
- Mechanical and chemical resistance

PUR Shielded Starquad Flex 2 million

- Suitable for PROFINET network
- 4 pole, 22 AWG
- Halogen free

TPE Shielded 4-twisted pair, Flex 10 million

- ODVA compliant Cat5e
- 4 pair, 24 AWG





M12 STRAIGHT MALE TO M12 STRAIGHT MALE, DOUBLE-ENDED

| | |
|---------------------------------|---|
| BCC M414-M414-6D-338-ES64N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Teal |
| BCC M414-M414-6D-338-ES24N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Red |
| BCC M414-M414-6D-338-VS64N8-___ | Shielded, STP 2 pair, Stranded conductor, PVC, ODVA, Cat5e, Teal |
| BCC M414-M414-6D-366-EX64N9-___ | Unshielded, 2 pair, Stranded conductor, TPE, 600 V, CMX, Flex 10 mio, ODVA, Cat5e, Teal |
| BCC M414-M414-6D-331-PS54T2-___ | Shielded Starquad, Stranded conductor, PUR, PROFINET, Green |



M12 STRAIGHT MALE TO RJ45, DOUBLE-ENDED

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|---------------------------------|---|
| BCC M414-E894-8G-672-ES64N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Teal |
| BCC M414-E894-8G-672-E24N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Red |
| BCC M414-E894-8G-672-VS64N8-___ | Shielded, STP 2 pair, Stranded conductor, PVC, Non-ODVA, Cat5e, Teal |
| BCC M414-E894-8G-695-EX64N9-___ | Unshielded, 2 pair, Stranded conductor, TPE, 600 V, CMX, Flex 10 mio, ODVA, Cat5e, Teal |
| BCC M414-E834-8G-668-PS54T2-___ | Shielded Starquad, Stranded conductor, PUR, PROFINET, Green |



RJ45 TO RJ45, DOUBLE-ENDED

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| BCC E894-E894-90-339-ES64N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Teal |
| BCC E894-E894-90-339-ES24N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Red |
| BCC E894-E894-90-339-VS64N8-___ | Shielded, STP 2 pair, Stranded conductor, PVC, Non-ODVA, Cat5e, Teal |
| BCC E894-E894-90-367-EX64N9-___ | Unshielded, 2 pair, Stranded conductor, TPE, 600 V, CMX, Flex 10 mio, ODVA, Cat5e, Teal |
| BCC E834-E834-90-334-PS54T2-___ | Shielded Starquad, Stranded conductor, PUR, PROFINET, Green |
| BCC E898-E894-90-377-ES68N9-___ | Shielded, STP 4 pair, Stranded conductor, TPE, Flex 10 mio, ODVA, Cat5e, Teal |



M12 STRAIGHT MALE TO M12 RIGHT, DOUBLE-ENDED

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|---------------------------------|--|
| BCC M414-M424-6D-366-EX64N9-___ | Unshielded, 2 pair, TPE, 600 V, CMX, Flex 10 mio, ODVA, Cat5e, Teal |
| BCC M414-M424-6D-388-ES64N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Teal |
| BCC M414-M424-6D-388-VS64N8-___ | Shielded, STP 2 pair, Stranded conductor, PVC, Non-ODVA, Cat5e, Teal |



M12 RIGHT MALE TO M12 RIGHT MALE, DOUBLE-ENDED

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|---------------------------------|--|
| BCC M424-M424-6D-366-EX64N9-___ | Unshielded, 2 pair, TPE, 600 V, CMX, Flex 10 mio, ODVA, Cat5e, Teal |
| BCC M424-M424-6D-388-ES64N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Teal |
| BCC M424-M424-6D-388-VS64N8-___ | Shielded, STP 2 pair, Stranded conductor, PVC, Non-ODVA, Cat5e, Teal |



M12 RIGHT MALE TO RJ45, DOUBLE-ENDED

| | |
|---------------------------------|--|
| BCC M424-E894-8G-695-EX64N9-___ | Unshielded, 2 pair, TPE, 600 V, CMX, Flex 10 mio, ODVA, Cat5e, Teal |
| BCC M424-E894-8G-672-ES64N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Teal |
| BCC M424-E894-8G-672-VS64N8-___ | Shielded, STP 2 pair, Stranded conductor, PVC, Non-ODVA, Cat5e, Teal |



M12 STRAIGHT FEMALE TO M12 STRAIGHT MALE, DOUBLE-ENDED

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|---------------------------------|---|
| BCC M415-M414-3D-338-ES64N9-___ | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Teal |
| BCC M415-M414-3D-366-EX64N9-___ | Unshielded, 2 pair, Stranded conductor, TPE, 600 V, CMX, Flex 10 mio, ODVA, Cat5e, Teal |



M12 FEMALE TO M12 FEMALE STRAIGHT, DOUBLE-ENDED

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| BCC M415-M415-5D-687-ES64N8-___ | Shielded, STP 2 pair, Stranded conductor, TPE, FT1, Teal |
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100M BULK CABLE

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|---------------------------------|---|
| BCC 0000-0000-00-102-ES64N9-10X | Shielded, STP 2 pair, Stranded conductor, TPE, Flex 5 mio, ODVA, Cat5e, Teal |
| BCC 0000-0000-00-168-VS64N8-10X | Shielded, STP 2 pair, Stranded conductor, PVC, Non-ODVA, Cat5e, Teal |
| BCC 0000-0000-00-168-EX64N9-10X | Unshielded, 2 pair, Stranded conductor, TPE, 600 V, CMX, Flex 10 mio, ODVA, Cat5e, Teal |

Lengths: 006=0.6 m, 010=1.0 m, 020=2.0 m, 050=5.0 m, 100=10.0 m, 150=15.0 m