

10GXM13 Category 6A Cable

Small-diameter Category 6A cable

Product Bulletin



Create seamless connections with 10GXM13 cables. Belden's next generation of small-diameter Category 6A cable features an innovative filler-less design that simplifies installation.

- **Space- and cost-saving:** A 0.230" (5.84 mm) outside diameter unlocks new installation opportunities while reducing conduit expenditures.
- **Easy deployment and termination:** Eliminating filler simplifies termination, and pairing with REVConnect® Connectivity shortens the time to go live.
- **Less waste:** A filler-free design means less material wasted and installed for more sustainable building practices.



Key Features

- A 0.230" (5.84 mm) outside diameter is significantly smaller than traditional 0.250" diameter Category 6A cables.
- EquiBlock technology enables small diameter, eliminates hotspots and improves Alien Crosstalk mitigation.
- Enhanced channel performance, plus 100-meter lengths, meet full Telecommunications Industry Association (TIA) compliance.
- Belden's REVConnect® Connectivity Line supports fast, easy termination.
- Power over Ethernet (PoE) simplifies cabling needs.
- Other features include operating temperature range of -20°C to 75°C and maximum pull tension of 25 lbs.

Perfect for Wi-Fi deployments and network drops, the small-diameter 10GXM13 Category 6A makes it possible to deploy complete connection solutions in today's smart buildings.

Your Benefits

The drive to digitize increases demand for more cables in today's buildings. Whether retrofitting or pursuing new construction, the 10GXM13 empowers you to meet the moment and prepare for what's next.

With its small diameter and filler-less design, this next-gen Category 6A cable unlocks untold possibilities. You can deploy 10 Gigabit links with a cable that's nearly as small as a Category 6 cable, allowing for larger bundle sizes and the ability to upgrade old Category 6 links to Category 6A without running new conduit.

The 10GXM13 cable makes better connections possible and lets you build the infrastructure that maximizes value.

Applications

Belden's 10GXM13 Category 6A Cables are the smallest and easiest-to-deploy solution available, eliminating slow speeds and maximizing uptime for smart building networks.

Ideal for in-building Wi-Fi connections, the 10GXM13 Category 6A Cable can support all network drops in a building, including sensors, cameras, digital signage, wall ports and other IP equipment. Additionally, the 10GXM13's space-saving design lets you get cable everywhere it needs to be, making it optimal for high-density IoT deployments. You can reuse existing pathways to upgrade cable with minimal disruption.

Markets

Designed with the needs of data-intensive structures in mind, 10GXM13 Category 6A Cables are ideal for commercial real estate, data centers, government buildings, healthcare facilities, higher education institutions, hospitality buildings, and stadiums and venues.

In addition to being fully compliant with TIA standards for Category 6A cables, the cable has attained the EU's Restriction on Hazardous Substance (RoHS) and Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) compliance. The cable conforms to relevant Conformité Européenne (CE), Underwriters Laboratories (UL) and Institute of Electrical and Electronics Engineers (IEEE) standards.



Belden 10GXM13 Category 6A Cables

Description	Belden Part Number
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Blue Jacket, 1000-ft Reel	10GXM13 D151000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, White Jacket, 1000-ft Reel	10GXM13 0091000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Yellow Jacket, 1000-ft Reel	10GXM13 0041000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Green Jacket, 1000-ft Reel	10GXM13 0051000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Orange Jacket, 1000-ft Reel	10GXM13 0031000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Black Jacket, 1000-ft Reel	10GXM13 0101000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Blue Jacket, 1000-ft Reel-in-Box	10GXM13D15A1000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, White Jacket, 1000-ft Reel-in-Box	10GXM13009A1000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Yellow Jacket, 1000-ft Reel-in-Box	10GXM13004A1000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Green Jacket, 1000-ft Reel-in-Box	10GXM13005A1000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Orange Jacket, 1000-ft Reel-in-Box	10GXM13003A1000
10GXM13 (0.230") Category 6A Cable: 4 Pair, U/UTP, CMP, Black Jacket, 1000-ft Reel-in-Box	10GXM13010A1000



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