



# Product Data Sheet

## Belden GMTTA12 12F Single Mode Tactical Cable

### Description



Belden GMTT Tactical fibre cables are designed for repeated deployment and recovery in harsh environments, for Outside Broadcast, Touring and Military applications.

These cables consist of tight buffered fibre cores with water blocking aramid yarn and PUR jacket. The construction protects the fibres from impact, abrasion and longitudinal tension from repeated deployment, the bonded core layup and flexible PUR jacket ensure the cable lays flat once deployed.

These cables are suited to Outside Broadcast, Touring and Military applications. Available in fiber count from 2 - 24. Argosy offers these cables terminated as per requirement.

Product	SKU
BELDEN GMTTA12 12F SINGLE MODE TACTICAL CABLE	JC-00-1012



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## Belden GMTTA12 12F Single Mode Tactical Cable

### Technical Specification

Belden GMTTA12 Specification	
<b>Fiber Cable Construction</b>	Ripcord: Yes
<b>Fiber Type:</b> OS2	<b>Optical Characteristics</b>
<b>Fiber Grade acc. ITU-T:</b> G.652D & G.657A1	Max. Attenuation at 1310 nm: 0.40 dB/km
<b>Fiber Count:</b> 12	Max. Attenuation at 1550 nm: 0.30 dB/km
<b>Fiber Color Coding:</b> TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua	Max. Attenuation at 1625 nm: 0.30 dB/km
<b>Fiber Color Coding 2:</b> Europe coding (Gxxxxxx.O): Red, Natural, Yellow, Blue, Green, Violet, Brown, Black, Orange, Aqua, Pink, White	<b>Mechanical Tests</b>
<b>Buffer Specification</b>	Cable Min. Bend Radius Installation (Short Term): 43.2 mm
<b>Fiber Type:</b> OS2	Cable Min. Bend Radius Operation (Long Term): 21.6 mm
<b>Buffer Construction:</b> Tight	Cable Max. Tensile Strength Installation (Short Term): 600 N (135 lbf)
<b>Buffer Material:</b> Nylon	Cable Max. Crush Resistance Installation (Short Term): 5 kN/m
<b>Buffer Diameter:</b> 0.9 mm	Cable Max. Crush Resistance Operation (Long Term): 3 kN/m
<b>Cable Core Water Tight:</b> Yes	<b>Temperature Range</b>
<b>Cable Core Waterblocking:</b> Waterblocking Aramid Yarns	Operating Temperature Range: -70 °C to +85 °C
<b>Bulk Cable Weight:</b> 60 kg/km	Installation Temperature Range: -5 °C to +50 °C
<b>Jacket Specifications</b>	Storage Temperature Range: -70 °C to +85 °C
<b>Number of Jackets:</b> Single Jacket	<b>Standards</b>
<b>Type of Armor:</b> Non-Armored	UL Rating/Flame Test: Non-UL Rated
<b>Outer Jacket Specifications</b>	REACH: Compliant
<b>Material:</b> PUR - Polyurethane	ISO/IEC Compliance: IEC 60794
<b>Colour:</b> Black	UV/Sunlight Protection: Yes
<b>Nominal Diameter:</b> 8.2 mm	