

Belden Loose Tube, Indoor/Outdoor, Steel Wire Armoured



Application

These steel wire armoured fibre cables comprise of a central single loose tube design and may be used in both indoor and outdoor applications. May be used in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone riser and/or horizontal cabling.

Specification

- **Fibre Type:** 250 μ m primary coated optical fibres.
- **Fibre Colours:** Red, natural, yellow, blue, green, violet, brown, black, orange, turquoise, pink, white, red/black, natural/black, yellow/black, blue/black, green/black, violet/black, brown/black, grey/black, orange/black, turquoise/black, pink/black, white/black.
- **Swellable yarns** as strength members and for longitudinal water tightness.
- **Inner Sheath:** Halogen free inner sheath.
- **Armour:** Galvanised steel wire armour.
- **Outer Sheath:** Black flame retardant and halogen free outer sheath.
- **Fire Characteristics:** Flame retardant to IEC60332-3-24 Category C.
- **Crush Resistance:** ≤ 30000 N/m.

Anixter Number	Belden Number	Description
370-323-6LS2-04	GUWA104	4 fibre 62.5/125 μ m
370-323-6LS2-08	GUWA108	8 fibre 62.5/125 μ m
370-323-6LS2-12	GUWA112	12 fibre 62.5/125 μ m
370-323-6LS2-24	GUWA124	24 fibre 62.5/125 μ m

* Static application, for dynamic application use $15 \times D$, where D = cable diameter in mm. Bending radius for individual fibres is 25mm minimum.

** During operation. During installation temperature rating is -5 to $+50^{\circ}\text{C}$

Pulling tension is 700N for cables up to and including 12 fibres, and 1400N for 24 fibre cable.