FIBRE OPTIC / DEPLOYABLE CABLE

# Mini Mil Tac™ deployable fibre

Non-metallic mini tactical field cable for harsh environments, singlemode or multimode.



1 to 4 fibres | Singlemode or multimode | Bend optimised | PUR outer sheath

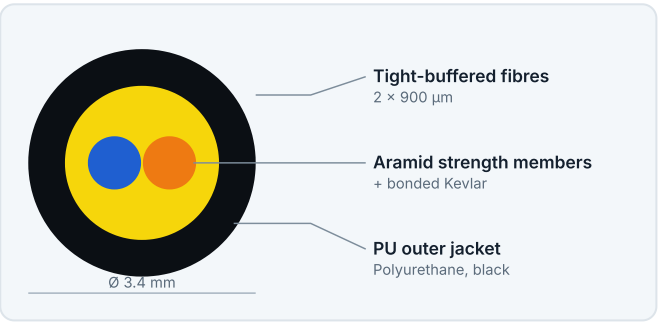
| 3.4 mm | 10 kg/km | 1200 N | −55 / +85 °C |
|---|---|---|---|
| Outer diameter | Cable weight | Tensile load, short term | Operating temperature |

## Overview

A lightweight, non-metallic tactical field cable with strain bearing elements as armouring. Its very small diameter allows more cable to be reeled on the same drum than standard non-metallic field cables.

- **Non-metallic** tight-buffered construction with bend-optimised fibres.
- **Resists oils, grease** and abrasion.
- **Very low weight** and compact, for rapid deployment.
- **Robust polyurethane (PUR)** outer sheath.

## Cable construction




| Mechanical | |
|---|---|
| Number of fibres | 1 to 4 |
| Outer diameter | 3.4 mm |
| Weight | 10 kg/km |
| Tensile load (short / long term) | 1200 / 650 N |
| Min. bend radius, with tensile | 15 × D |
| Min. bend radius, no tensile | 10 × D |
| Max. crush resistance (PE / PA) | 200 / 300 N/cm |
| Impact resistance | 40 impacts |
| Repeated bending | 2000 cycles |

D = cable diameter.

| Construction & environment | |
|---|---|
| Fibre | Singlemode or multimode |
| Core | Hard Elastomeric Tight Buffer |
| Strength members | Non-metallic, strain bearing |
| Outer sheath | PUR (polyurethane) |
| Jacket colour | Black |
| Operating temperature | −55 °C to +85 °C |
| Storage temperature | −60 °C to +85 °C |

Specifications are subject to change without notice.

## Standards

IEC 60794 | MIL-PRF-M85045

## Connector options

LC | SC | ST | FC | LC Uniboot

## Typical applications

Tactical military & field | Rapid deployment | Indoor & outdoor

**Deploy reel options** GT235 · 200 m | GT310 · 400 m | GT380 · 750 m | GT450 · 1000 m — Non-metallic rubber reels

**Made to order, from one assembly upwards**

Send a drawing, sketch or sample for a quote. Own-scheme labelling for trade partners.

qadnetworks.co.uk

**QAD Networks Ltd**
25 Bowlers Croft, Basildon, Essex, SS14 3DX
British-manufactured cable assemblies since 2009

+44 (0)1787 462489 · sales@qad.uk.com
ISO 9001:2015 certified · FIA member · Made in Britain

Mini Mil Tac™ is a registered trade mark of QAD Networks Ltd. © 2026 QAD Networks Ltd. All rights reserved.