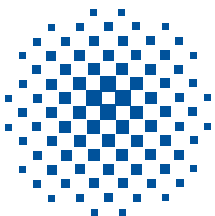
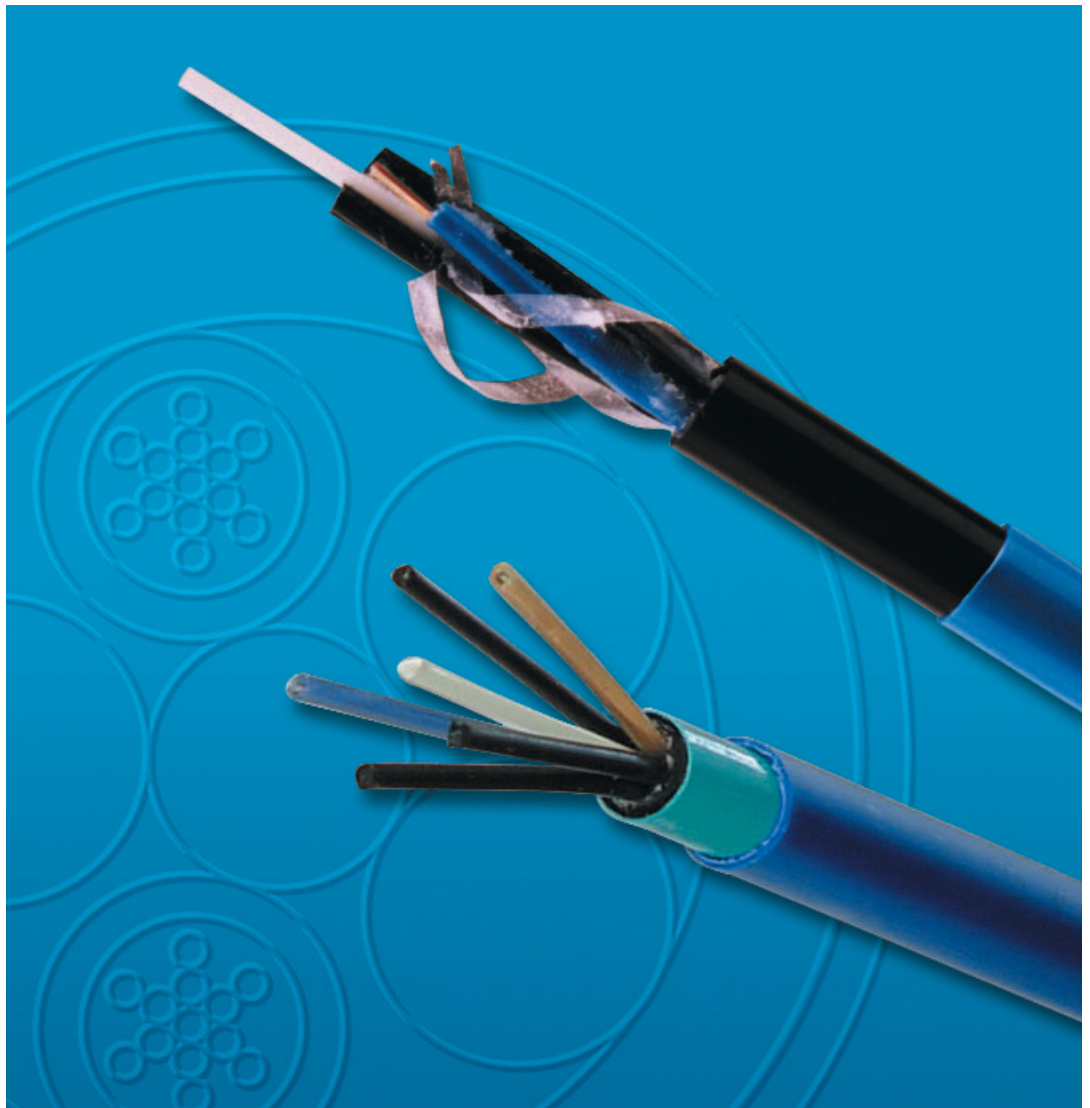


# HIGHLIGHT® Outdoor Loose Tube Multimode & Singlemode Fibre Cable



**KRONE®**

# HIGHLIGHT® Outdoor Loose Tube Multimode & Singlemode Fibre Cable

## Overview

To complement our existing range of Indoor\Outdoor Tight buffered cable Krone now offer Outdoor Loose tube Gel filled cable. 4-60 core Multimode and Singlemode cables suitable for Lashed, Duct or direct Buried applications are available. Nylon Jacketing is standard on all outdoor cables with Sacrificial sheathing available on request.

## Description:

Cable containing up to 60 Multimode or Singlemode optical fibres in water blocked loose tubes (Max. 12 fibres/ tube) and solid polyethylene fillers, laid-up around a glass reinforced plastic (GRP) central strength member, water blocked interstices, taped, Polyethylene overall sheathed, nylon jacketed and polyethylene sacrificial sheathed (optional).

The cable is suitable for direct burial or riser applications in Local Area Network (LAN) including Fibre Distributed Data Interface (FDDI) cabling and the newly emerging high-speed protocols.

## Construction details:

Operating Temperature (°C):	-10 to +60
Maximum Crush Resistance:	Installation 2000n/100mm
Number of elements:	5
Fibre/Tube identification:	Colour coded
Central strength member:	Glass reinforced plastic
Secondary protection of the fibres:	Polybutylene terephthalate (PBT)
Filler(s):	As required
Water blocking:	Thixotropic gel (tubes) Petroleum jelly (interstices)
Core wrapping:	Polyethylene terephthalate tape
Sheath:	Polyethylene (Black)
Outer jacket:	Nylon 12 (Blue)
Sacrificial sheath:	Polyethylene (Blue) – Optional

## Mechanical and environmental performance:

<b>CHARACTERISTICS</b>	
Overall Diameter Nominal	.....10.9mm
Mass Nominal	.....120kg/km
Minimum Bending Radius Full Load	.....330mm
Tensile Strength (Maximum) Installation	.....1500n

## Fibre Characteristics:

In compliance with ITU-T recommendations and ACA TS008.

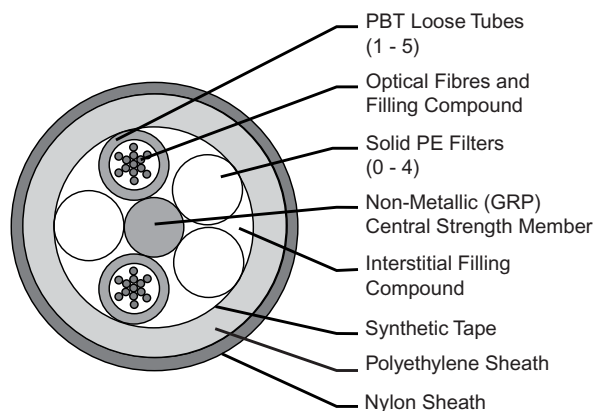
## Packing

4 core	.....1km drum
6 core	.....1km drum
8 core	.....1km drum
12 core	.....1km drum
24 core	.....1km drum

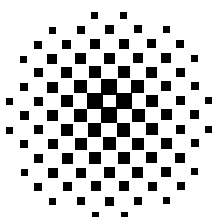
## Part Numbers

MultiMode – 4 core 62.5um	.....	.6462 3 434-04
MultiMode – 6 core 62.5um	.....	.6462 3 434-06
MultiMode – 8 core 62.5um	.....	.6462 3 434-08
MultiMode – 12 core 62.5um	.....	.6462 3 434-12
MultiMode – 24 core 62.5um	.....	.6462 3 434-24
MultiMode – 4 core 50um	.....	.6462 3 470-04
MultiMode – 6 core 50um	.....	.6462 3 470-06
MultiMode – 8 core 50um	.....	.6462 3 470-08
MultiMode – 12 core 50um	.....	.6462 3 470-12
MultiMode – 24 core 50um	.....	.6462 3 470-24
Singlemode – 4 core 9um	.....	.6462 3 447-04
Singlemode – 6 core 9um	.....	.6462 3 447-06
Singlemode – 8 core 9um	.....	.6462 3 447-08
Singlemode – 12 core 9um	.....	.6462 3 447-12
Singlemode – 24 core 9um	.....	.6462 3 447-24

Note: Other variants available upon request, including composite cables.



Note: The information contained in this data sheet is subject to normal manufacturing tolerances. Specifications are subject to change without notice.



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