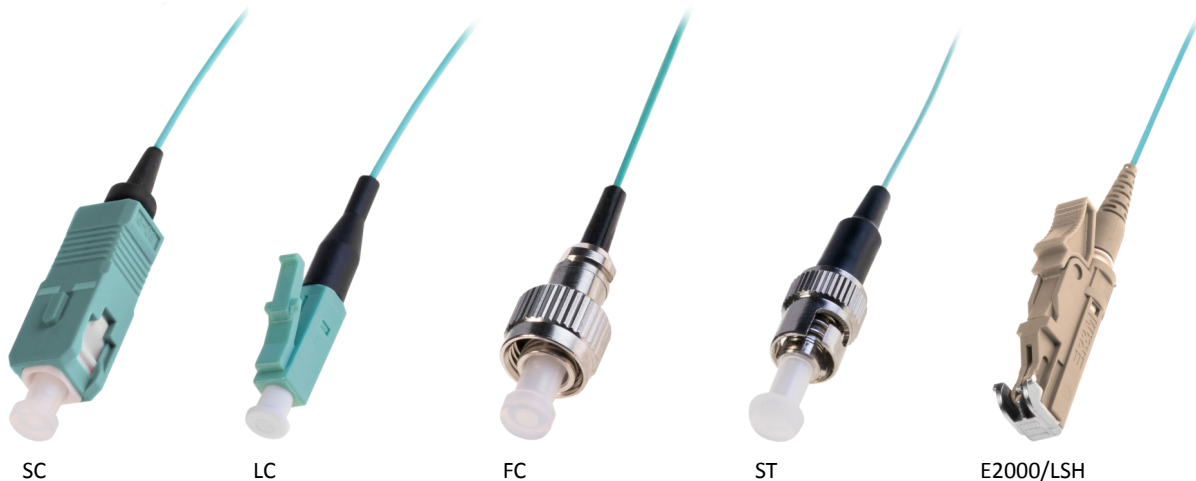


## Product Information

BKT Standard fibre optic pigtail with OM3 multimode fibre

Card No.: PI\_Ptail\_BKT\_FO\_Std\_OM3\_01.21



## Application

BKT Standard OM3 multimode fibre optic pigtails are intended for creating hard connections to fixed fibre optic lines at distribution points and connection outlets. The high quality and repeatability of BKT fibre optic pigtails make them the ideal choice for broadband, building and industrial installations, and Data Centers.

## Features

BKT Standard OM3 fibre optic pigtails are available in all major connector configurations.

Each BKT pigtail connector, regardless of its type, boasts a ceramic ferrule that precisely centers the fibre. These ferrules are characterised by their high-precision manufacturing and excellent resistance to temperature-induced deformation. BKT fibre optic multimode pigtails are available in one type of ferrule: PC (Physical Contact). The high production quality and repeatability of BKT fibre optic connectors guarantees very low insertion and reflection losses whilst ensuring long service life and outstanding mechanical reliability.

Optical fibre in OM3 specification is commonly referred to as 3rd generation multimode fibre, offers a bandwidth of 1500MHz/km for LED light source (850nm) and 2000MHz/km for VCSEL light source (850nm).

The optical fibre in BKT pigtails is surrounded by a 0.9mm diameter halogen-free (LSOH) sheath. This loose tube sheath is easily stripped back up to 2m dramatically reducing preparation time for splicing and assembly.

BKT fibre optic pigtails are available as single-packed items in various sheath colours as well as twelve-colour sets.

## Standards

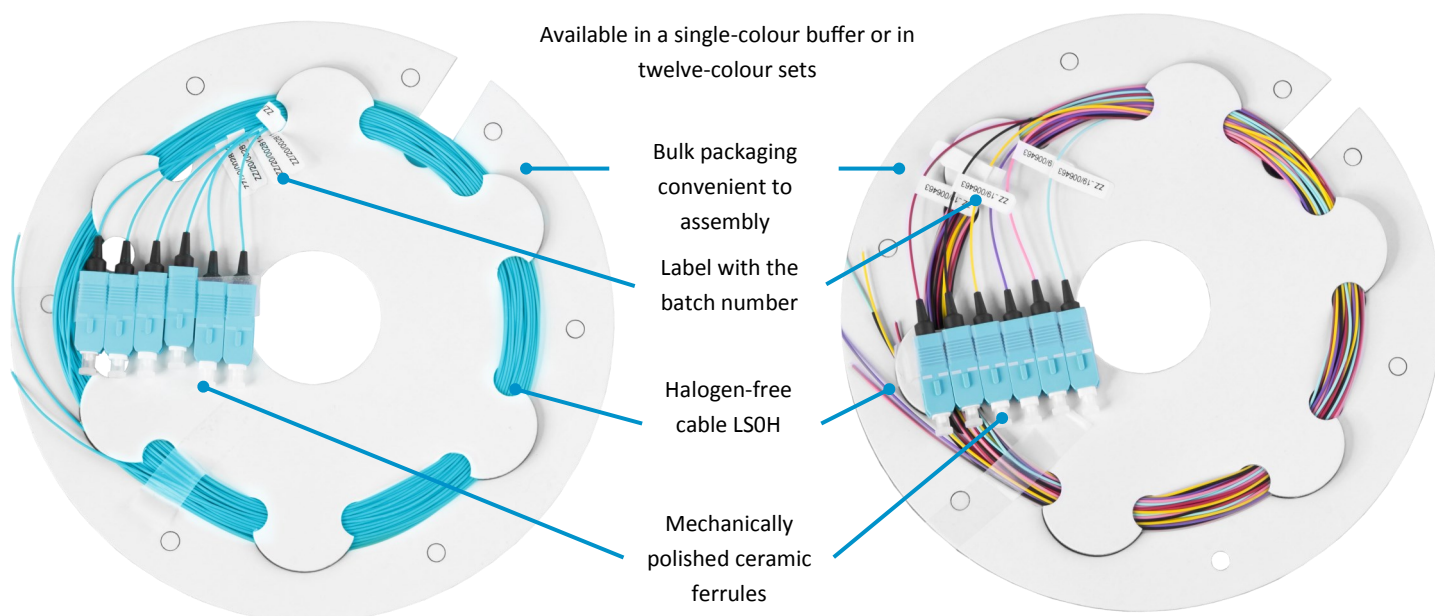
- EN 50173-1
- ISO/IEC 11801
- ANSI/TIA-568.3
- EN/IEC 60793-2-10 A1a.2
- TIA/EIA-492 AAAC
- ITU-T G.651.1
- EN/IEC 61754-XX
- TIA-604-XX
- FOCIS X
- EN/IEC 61753-1
- EN/IEC 60794-2-50
- EN/IEC 60794-2-51
- RoHS 2011/65/EU
- IEEE 802.3 X, XX—Standard family

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## Special features



## Technical data

Parameter	Value
Connector types	SC, LC, FC, ST, E2000
Endface geometry types	PC
Connector Insertion Loss acc. to IEC 61300-3-4	Typ: $\leq 0,20\text{dB}$ ; Max: $\leq 0,30\text{dB}$ ;
Connector Return Loss acc. to IEC 61300-3-6	PC: Max: $\leq -40\text{dB}$
Endface geometry acc. to Telcordia	ROC PC: 7-25mm; HEI: $\pm 50\text{nm}$ OFFSET: 0-50 $\mu\text{m}$
Repeatability	> 1000 cycles
Connector body material	Plastic, stainless steel
Ferrule material	Zirconia ZrO <sub>2</sub>
Fibre type	OM3 G.651.1
Fibre diameter	Core: 50 $\mu\text{m}$ ; Cladding: 125 $\mu\text{m}$ ;
Fibre attenuation	850nm: $\leq 3,0\text{dB/km}$ ; 1300nm: $\leq 1,0\text{dB/km}$ ;
Bending radius and fibre attenuation	7,5mm (2 turns): $\leq 0,2\text{dB}$ (850nm), $\leq 0,5\text{dB}$ (1300nm); 15mm (2 turns): $\leq 0,1\text{dB}$ (850nm), $\leq 0,3\text{dB}$ (1300nm); 37,5mm (100 turns): $\leq 0,5\text{dB}$ (850/1300nm)
Buffer diameter	0,9mm
Bending radius during installation / operation	Min: 30mm/30mm
Tensile strength during installation / operation	Max: 6N/3N
Buffer type	Easy strip
Outer sheath material	Flame-retardant, halogen-free LS0H
Fiber Length in outer sheath	2m

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## Technical data

Component colour	SC/PC	LC/PC	ST/PC	FC/PC	E2000/PC
Body	aqua	aqua	metallic	metallic	beige
Outer sheath	single-colour aqua / 12 colour set (red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink)				

## Performance / Variants

BKT Standard fibre optic pigtails with OM3 multimode fibre **single colour\***

Index	Product description
22QP3200.2	Pigtail BKT Standard OM3 SC/PC 2m, easy strip, aqua
22QP3600.2	Pigtail BKT Standard OM3 LC/PC 2m, easy strip, aqua
22QP3100.2	Pigtail BKT Standard OM3 ST/PC 2m, easy strip, aqua
22QP3400.2	Pigtail BKT Standard OM3 FC/PC 2m, easy strip, aqua
22QP3800.2	Pigtail BKT Standard OM3 E2000/PC 2m, easy strip, aqua

\* Index applies to 1 pc. Package contains 6 pcs.

BKT Standard fibre optic pigtails with OM3 multimode fibre **12 colour set\*\***

Index	Product description
22QP320C.2	Pigtail BKT Standard OM3 SC/PC 2m, easy strip, colour (12pcs/package)
22QP360C.2	Pigtail BKT Standard OM3 LC/PC 2m, easy strip, colour (12pcs/package)
22QP310C.2	Pigtail BKT Standard OM3 ST/PC 2m, easy strip, colour (12pcs/package)
22QP340C.2	Pigtail BKT Standard OM3 FC/PC 2m, easy strip, colour (12pcs/package)
22QP380C.2	Pigtail BKT Standard OM3 E2000/PC 2m, easy strip, colour (12pcs/package)

\*\* Index applies to a set of 12 pcs. Package contains 12 pcs.