

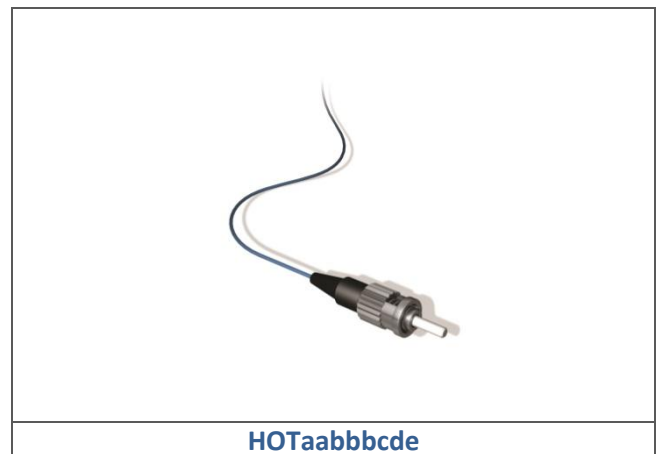
APPLICATION

A range of pigtails manufactured using Brand-Rex cables and connectors providing a cost-effective termination of guaranteed quality.

The use of Brand-Rex connectors and cables in the manufacture of these assemblies guarantees the highest levels of long term mechanical and optical performance.

FEATURES

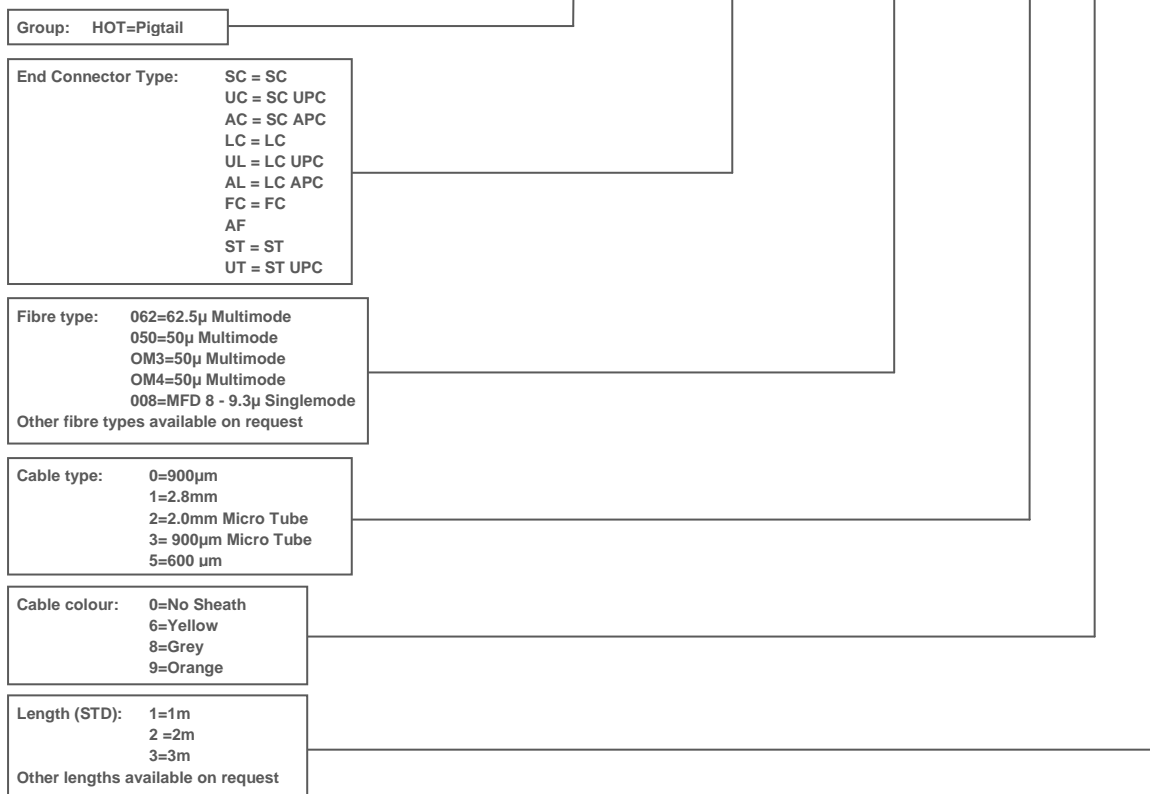
- Based on Tight Buffered Core
- All major connector types
- All major fibre types
- Colour coded for easy identification



HOTAabbbcde

PART NUMBER BREAK DOWN

HOTAABBBCDE



ORDER INFO

	OM1	OM2	OM3	OM4	OS1/OS2
FC - 1m	HOTFC062001	HOTFC050001	HOTFCOM3001	HOTFCOM4001	HOTFC008001
SC - 1m	HOTSC062001	HOTSC050001	HOTSCOM3001	HOTSCOM4001	HOTSC008001
ST - 1m	HOTST062001	HOTST050001	HOTSTOM3001	HOTSTOM4001	HOTST008001
LC - 1m	HOTLC062001	HOTLC050001	HOTLCOM3001	HOTLCOM4001	HOTLC008001

Note: Other connector types and options available

OPTICAL PERFORMANCE

- Insertion loss:

(mm)	Max. 0.5dB	Typical 0.2dB
(sm)	Max. 0.3dB	Typical 0.1dB
- Return loss:

(mm)	Max. -20dB
(sm)	Max. -45dB (PC), -55dB (UPC), -65dB (APC)

MECHANICAL

- Length (ferrule tip – fibre end): 1m & 2m as standard
- Overall length tolerance: -0/+0.01m
- Buffer colour (900µm):

62.5/125	Blue
50/125	Green
Singlemode	Yellow
OM3	Grey
OM4	Red

ENVIRONMENTAL CONDITIONS

- Operating temperature: -10 to 70°C
- Temperature cycling: -25 to +70°C, 40 cycles
(IEC 874-1 sec.4.5.22) ≤0.2dB Change
- High temperature: 70°C for 96 hours
(IEC 874-1 sec.4.5.18) ≤0.2dB Change
- Damp heat: 60°C at 95% RH, 96 hours
(IEC 874-1 sec.4.5.19) ≤0.2dB Change
- Vibration (mated pair): 10-55 Hz, 1.5mm P to P
(IEC 874-1 sec.4.5.1) ≤0.3dB Change
- Mating durability: 1000 mating cycles, standard connectors, clean every 25
(IEC 874-1 sec.4.5.32) < 0.2 dB Change

PRODUCT PACKAGING

- Each pigtail is individually packed and labelled for ease of identification.

PRODUCT CERTIFICATION

- Each pigtail is identified with a batch reference ID label and is supplied with an individual test certification

“Brand-Rex is dedicated to designing, developing and manufacturing sustainable high performance structured cabling and speciality cabling solutions”

The information contained in this document is valid and correct at the time of issue. Brand-Rex reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.