



090.7290

DESCRIPTION

Locking type latched push-pull. Injection-molded PBT housing, UL 94 V-0 (flammability index).

SCOPE OF SUPPLY

- Semi-tight buffer Ø 0.9 mm one side fitted with SC connector

TENDER

- Pigtail with semi-tight buffer PA/PBT, Ø 0.9 mm, orange, multimode G50 50/125 µm (OM2), length 2.5 m. Fitted with one SC connector in acc. with IEC 61754-4. Zirconia (ceramic) ferrule with a PC polished endface geometry, connector qualified in acc. with IEC 61753-1 for category U (uncontrolled environment). Beige connector housing (multimode), material PBT / UL 94 V-0, black strain relief, material TPE / UL 94 V-0 and plastic dust cover.

Optical specifications (random mated):

Performance:

- Insertion loss (IL) Grade Bm for 100% of the tested specimen: ≤ 0.50 dB / typical ≤ 0.15 dB
- Return loss (RL) Grade 3: ≥ 35 dB
- Mechanical specifications:
- Mating cycles: delta IL < 0.2 dB after 500 mating cycles
- Pull-out force fiber pigtail: ≥ 5 N

TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Conductor type FO	dry semi-tight buffer, strippability > 1.5m
Fiber type	Multimode (MM)
Fiber class	OM2
Fiber diameter	G50 / 125 µm
Number of connectors (A)	1
Cable type	Pigtail
Jacket material	LSZH
Cable jacket characteristics	Cable, metal-free zero-halogen
Cable overall diameter	Ø 0.9 mm
Connector type (A)	SC
Connector color (A)	beige
Polishing plug (A)	PC
Protection class IP (A)	IP 20

Return loss grade RL (A)	3
Attenuation grade IL (A)	Bm
Standard	SC connector acc. to IEC 61754-4

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Color	orange
Cable Length	2.5 m / 8 ft 2 in