

GXF5-78-Y-4N Series Standard Fibre Distribution Terminal

Fibre distribution terminals are designed for the outdoor cable branches of ODN, in which optical fibre connection, storage, scheduling, and distribution. Floor-mounted and wall-mounted are available. Standard capacity of 96-core, 144-core, 288-core, 576-core and 1152-core can be selected.



Product Structure



Standards Compliance

Compliant with YD-T 988-2015 standard.



Product Features

- 12-core splicing and termination tray, easily removed.
- FC, SC, and LC adapters are compatible, applicable to both ribbon and non-ribbon cables.
- Enable to direct splicing and storage in tray for optical fibre.
- 35 °angle for adaptor, bending radius of fibre exceeds 30 mm.
- Tray or ABS cassette splitters can be selected as required.
- Reliable cable fixing, stripping, and grounding parts.
- Multiple accessories provide protection for optical fibre from mechanical damage.



Product Parameters

Specifications	Parameter
Protection Level	IP55
Insertion Loss	≤ 0.35 dB
Return Loss	UPC ≥ 50 dB, APC ≥ 60 dB
Adaptor Durability	≥ 1000 times
Salt Test	No corrosion or discoloration of the product after 48-hour test
Insulation Resistance	≥ 2 × 10 ⁴ MΩ/500 V (DC)
Withstand Voltage	≥ 3,000 V (DC)/1 min, no arc breakdown, no arcing



Order Guide

Specifications	Type	Material	Dimensions	Capacity	Installation Method	Remarks
			H*W*D (mm)	Distribution (maximum)/Direct splicing (optional)		
96/144	GXF5-78S-144Y-4N	SMC	1,035 × 555 × 310	168/144	Wall/Floor-mounted	Single-side operation
288	GXF5-78S-288Y-4N	SMC	1,455 × 750 × 320	336/144	Wall/Floor-mounted	Single-side operation
576	GXF5-78S-576Y-4N	SMC	1,455 × 750 × 540	672/288	Floor	Dual-side operation
1152	GXF5-78S-1152Y-4N	SMC	1,555 × 1,500 × 625	1,344/576	Floor	Dual-side operation
96/144	GXF5-78B-144Y-4N	Stainless steel	1,035 × 595 × 300	168/144	Wall/Floor-mounted	Single-side operation
288	GXF5-78B-288Y-4N	Stainless steel	1,420 × 750 × 320	336/144	Wall/Floor-mounted	Single-side operation
576	GXF5-78B-576Y-4N	Stainless steel	1,420 × 750 × 320	672/288	Floor	Dual-side operation
1152	GXF5-78B-1152Y-4N	Stainless steel	1,420 × 1,390 × 540	1,344/576	Floor	Dual-side operation