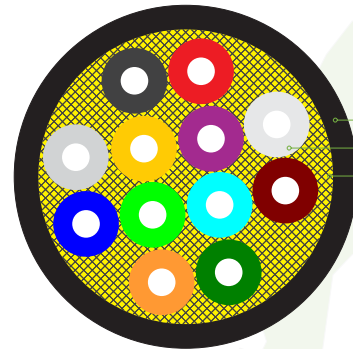


PRODUCT DATA SHEET

Indoor/Outdoor Distribution Cable

Introduction

In the Nitrotel Indoor Distribution Cable 900µm Buffered Fibers are surrounded by aramid yarn as strength members and a PVC/LSZH flame-retardant jacket.



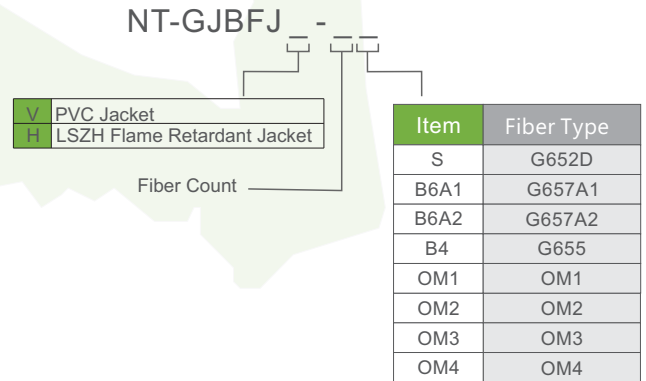
Flame--retardant jacket
Tight buffered optical fiber
Aramid Yarn strength member

Cable Dimensions and Constructions

Items		Descriptions
Optical Fiber	Fiber count	2/4/8/12/24
Tight buffer fibers	Material	LSZH/PVC
	Diameter	0.85±0.05mm
Strength Member	Material	Aramid yarn
Sheath	Material	LSZH/PVC
	Thickness	0.8mm±0.15mm (≤12 Core) 1.0mm± 0.10mm (>12core)
	Color	Yellow/Orange/Aqua
Cable Diameter		5.0±0.2mm(2,4Core)
		6.0±0.2 mm (8 Core)
		6.5±0.2 mm (12 Core)
		7.5±0.2 mm (18 Core)
		8.5±0.2 mm (24 Core)
Cable Weight		Approx 16.2 kg/km
		Approx 27.0 kg/km
		Approx 38.0 kg/km
		Approx 45.0 kg/km
		Approx 65.0 kg/km
Tight buffer Color Code		blue/orange/green/brown/grey/white/red/black/ yellow/purple/pink/aqua
Colors of 2 nd group of 12 tight buffers	With black tracer	blue/orange/green/brown/grey/white/red/ yellow/purple/pink/aqua
	With white tracer	black

Mechanical and Environmental Characteristics

Items		Descriptions	
Tensile Strength	IEC 60794 -2-E1	short-term	600N
		long-term	200N
		short-term	1000N (>12core)
		long-term	500N (>12core)
Crush Resistance	IEC 60794 -2-E3	short-term	1000N
		long-term	300N



Packing

Wooden Drums Protection

Marking

- Cable Marker every Meter by
- Project name or Project owner
- Year of manufacture
- Tape of Cable
- Number of fiber
- Cable length

