

Portable F-PAC



Fibnet

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- Quick installation for recovery from disaster and event use
- High lateral pressure and waterproof characteristics by stainless steel tube
- Extend the length with cascading the Portable Fiber PACs
- Lightning strikes and electromagnetic disturbances will not cause any malfunctions



Item		Specification
Cable length		100m
Nominal unit weight		5kg (@100m)
Fiber count		1C~4C
Fiber type		SM, GI
Cable nominal diameter		4mm
Cable nominal weight		30g/m
Connector type		SC, LC, FC, etc.
Connector insertion loss		$\leq 0.5\text{dB}$
Connector return loss		$\geq 40\text{dB}$
Allowable tensile strength		$\leq 300\text{N}$
Allowable bending radius	Not under tension	$\geq 50\text{mm}$
	Under tension	$\geq 80\text{mm}$
Allowable lateral pressure		$\leq 5000\text{N}/100\text{mm}$



Disaster countermeasure
car for mobile network

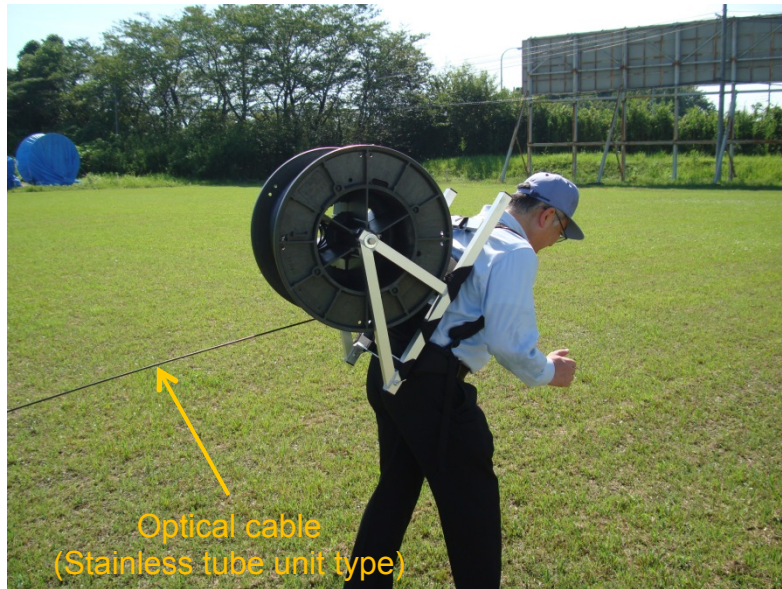


(duct free)

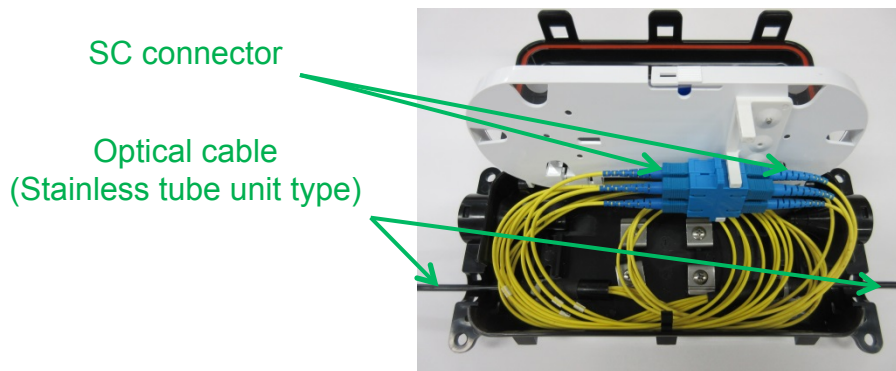


Base
Station

Portable Back-Pack F-PAC



Item		Specification
Standard Cable length		1,000 m
Fiber Count		1C ~ 4C
Fiber Type		SM, GI
Typical Outside Diameter		4 mm
Net Weight		30 kg/km
Gross Weight		40 kg/set
Connector Type		SC, LC, FC, etc.
Allowable Tensile Strength (Cable)		≤ 300 N
Allowable Bending Radius	Fixed	≥ 50 mm
	Extended	≥ 80 mm



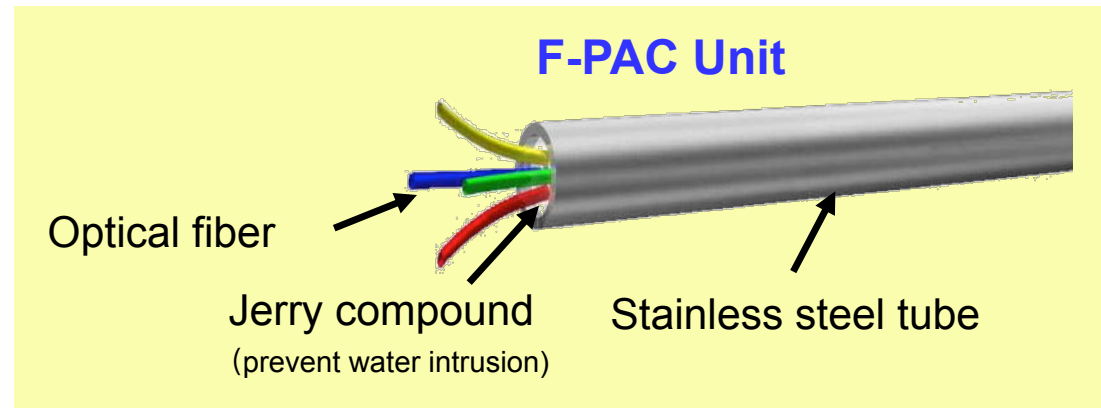
Optical Fiber Closure

- ✓ Both cable will be jointing by SC connector.
(Optical fiber fusion splicer is unnecessary.)
- ✓ Size is compact.
(238mm*108mm*60mm)
- ✓ IP code is IP68.
(Dust-tight and Protected against the effects of continuous immersion in water.)

F-PAC Features

F-PAC (Fiber Packed Armored Cable)

- Optical fiber unit housed in a protective stainless steel tube
- Robust and easy to handle
 - Thin and lightweight
 - Water-proof
 - Rodent-proof
 - Non-flammability
 - Corrosion resistance



- Enable low cost construction and maintenance free
- Verified by more than 20 years of experience in the field
 - Already shipped more than 25,000km

F-PAC Specification

Type		Armored F-PAC	P-PAC cord
Fiber Count (Single Mode)		1 ~ 48	1 ~ 4
Nominal Outside Diameter		11.0 mm	4.0 mm
Outer Sheath		Polyethylene	Polyethylene
Approximate Unit Weight		180 kg/km	30 kg/km
Allowable Tensile Strength		3500 N	300 N
Allowable Lateral Pressure		5,000 N/100mm	5,000 N/100mm
Allowable Bending Radius	Static	110 mm	50 mm
	Dynamic	220 mm	80 mm
Cross Section		