

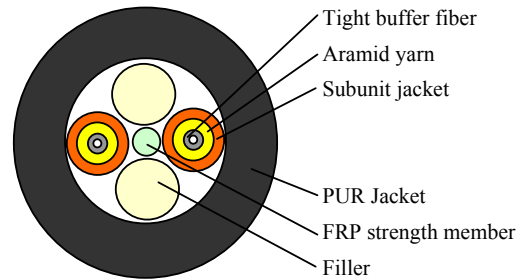
Multi purpose break-out cables

Application

Wind Turbine control cable

LAN backbone

Indoor / Outdoor in ducts



Construction Data

Tight buffer fiber Diameter	900±50µm
Core reinforce	Aramid yarn
Break-out unit jacket material	LSZH
Break-out unit diameter	2.2mm
Break-out color code	The units have sequential numbering printed on the surface for identification
Central strength member	All dielectric
Out jacket material	PUR

Technical Data-Physical

Fiber count	2
Cable diameter(mm)	appro. 7.5
Cable weight(kg/km)	appro. 45
Temperature rating Operation	-40°C~+70°C
Storage	-40°C~+70°C

Technical Data-Mechanical

Max. loading(IEC794-1) Installation	660N
Operation	200N
Min bend radius(IEC794-1) With load(mm)	20×D
Without load(mm)	10×D
Crush resistance(IEC794-1)	1000N/100mm
Torsion	±180° 500 times per 2 m ±360° 5 times per 2 m

Technical Data-Transmission

Fiber type		Single-mode (1310/1550nm)	Multi-mode (50/125µm) (850/1300nm)	Multi-mode (62.5/125µm) (850/1300nm)
Attenuation	Typical	0.36/0.22	3.0/1.0	3.0/1.0
	Maximum	0.5/0.4	3.5/1.5	3.5/1.5
Zero Dispersion Slope		<0.093 ps/km·nm ²	----	----
Dispersion(1285~1340nm)		-3.5 – 3.5 ps/(nm·km)	----	----
Mode field Diameter		9.3±0.4 µm	----	----
Cutoff wavelength cable		<1270 nm	----	----
Bandwidth	@850nm	----	≥200 MHz·km	≥160 MHz·km
	@1300nm	----	≥400 MHz·km	≥200 MHz·km
Cladding diameter(µm)		125±1.0	125±1.0	125±1.0