

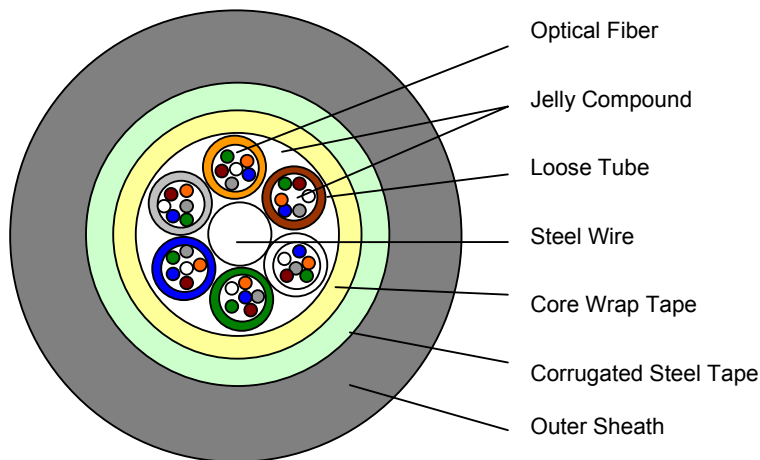
Part No. UWSRXX



Cable Description

The fibers, either of single-mode or multimode type, are positioned in a loose tube made of a high modulus plastic. The tube is filled with a water-resistant filling compound. A steel wire sometimes sheath with polyethylene (PE) for cable with high fiber count, locates in the center of core as a strength member. The Corrugated Steel Armor is longitudinally applied over the cable core, which is filled with the filling compound to protect it from water ingress. The cable is completed with a polyethylene (PE) sheath.

Cable Cross Section



Application

Duct, Aerial

Cable Information

S Sheath Cable

UWSRXX

Cable Characteristics

- Accurate fiber excess length ensures good performance of tensile strength and temperature
- High strength loose tube that is hydrolysis resistant and special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- PE sheath protects cable from ultraviolet radiation, Anti rodent
- The following measures are taken to ensure the cable watertight:
 1. Single steel wire used as the central strength member
 2. Specially loose tube filling compound CSA for enhancing moisture-proof Water-blocking material
- **Bending Radius:**
 - Static: 10D (Diameter of cable)
 - Dynamic: 20D (Diameter of cable)

Part Number Information

UWSRXX

X = Type of Fiber Core (as Below Table)

X = Fiber Count (2 ~ 96)

X	Type Of Fiber Core
050	GIMM50
062	GIMM62
550	Max Band 550MM
150	Max Band 150MM
300	Max Band 300MM
100	LCMM100
200	LCMM200
50H	HBGIMM50
62H	HBGIMM62
FL	FLWPSM
09	MCSM
HC	HCLSDSSM
LH	LEAHCPDSSM
DS	DSSM
PD	PDSMM

UWSRXX

Cable Parameters

Cable Type (Increased by 2 fiber)	Fiber Count	Steel Wire mm	PE Sheathed Steel wire Mm	Loose Tube Size mm	Tubes	Fillers	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N
UWSRxx	4~6	1.5	/	1.5/2.1	1	4	11.6	138	600/1500
UWSRxx	8~14	1.5	/	1.5/2.1	2	3	11.6	138	600/1500
UWSRxx	14~18	1.5	/	1.5/2.1	3	2	11.6	138	600/1500
UWSRxx	20~24	1.5	/	1.5/2.1	4	1	11.6	138	600/1500
UWSRxx	26~30	1.5	/	1.5/2.1	5	0	11.6	138	600/1500
UWSRxx	32~36	2.25	/	1.5/2.1	6	0	12.6	170	1000/3000
UWSRxx	38~42	2.25	3.7	1.5/2.1	7	1	13.6	200	1000/3000
UWSRxx	44~48	2.25	3.7	1.5/2.1	8	0	13.6	200	1000/3000
UWSRxx	50~60	2.25	2.8	2.0/2.6	5	1	13.6	200	1000/3000
UWSRxx	62~72	2.25	2.8	2.0/2.6	6	0	13.6	200	1000/3000
UWSRxx	74~84	2.25	4.5	2.0/2.6	7	1	13.6	245	1000/3000
UWSRxx	86~96	2.25	4.5	2.0/2.6	8	0	13.6	245	1000/3000

Crush Resistance: 1000 N/100mm