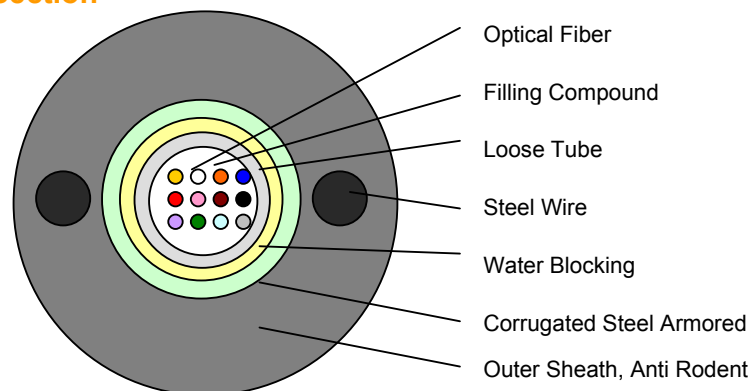


## Part No. UCSRSXX

### Cable Description

**Unitube S Sheath Cable.** 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. The tube is wrapped with a layer of Corrugated Steel Armor, longitudinally. Between the CSA and the loose tube water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at the two sides of the steel tape. The cable is completed with a polyethylene (PE) sheath.

### Cable Cross Section



### Application

Duct, Aerial, Direct Buried

### Cable Characteristics

- Accurate fiber excess length ensures good performance of tensile strength and temperature
- High strength loose tube that is hydrolysis resistant tube filling compound ensure a critical protection of fiber
- Specially designed compact structure is good at preventing loose from shrinking
- PE sheath protects cable from ultraviolet radiation, Anti rodent
- Crush resistance and flexibility
- Two parallel steel wire ensure tensile strength
- Small diameter, light weight and installation friendliness
- Long delivery length
- The following measures are taken to ensure the cable watertight: Specially loose tube filling compound CSA for enhancing moisture-proof Water-blocking material

# UCSRSXX

## Part Number Information

### UCSRSXX

X = Type of Fiber Core (as Below Table)

X = Fiber Count (2 ~ 48)

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

## Cable Parameters

Cable Type (Increased by 2 fiber)	Fiber Count	Steel Wire mm	Loose Tube Size	Sheathed Thickness mm	Cable Diameter mm	Cable Weight kg/km	Crush Resistance N/100mm
UCSRSxx	2~12	1.6	2.0/3.0	3.0	11.0	148	4000
UCSRSxx	14~24	1.6	2.8/4.0	3.0	13.0	170	6000
UCSRSxx	26~36	1.6	3.8/5.0	3.0	14.0	185	8000
UCSRSxx	38~48	1.6	4.8/6.0	3.0	15.0	200	8000

**Tensile Strength Long/Short Term:** 1500/3000 N

**Bending Radius:**

Static: 10D (Diameter of cable)

Dynamic: 20D (Diameter of cable)