

## Part No. UAPMXX

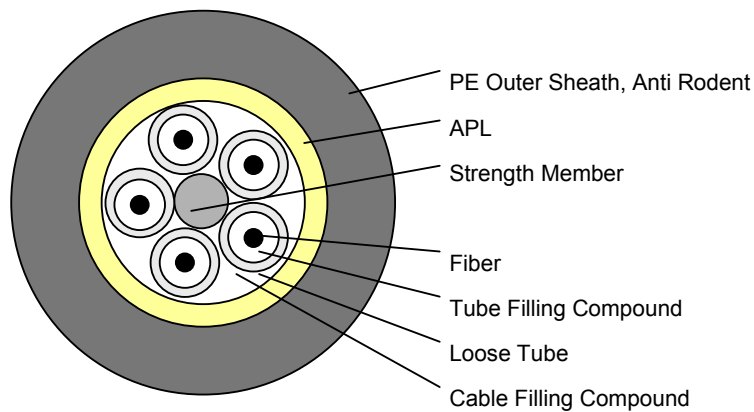


### Cable Description

Unitube A Sheath Cable.

The fibers, either of single-mode or multimode type, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A steel wire sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. An Aluminum Polyethylene Laminate (APL) is applied around the cable core, which is filled with the filling compound to protect it from water ingress. Then, the cable is completed with a PE sheath.

### Cable Cross Section



### Application

Aerial, Duct

# UAPMXX

## 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
- 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. Special Loose tube filling compound
  3. Complete cable core filling
  4. APL moisture barrier
- **Bending Radius:**
  - Static: 10D (Diameter of cable)
  - Dynamic: 20D (Diameter of cable)

## Part Number Information

### UAPMXX

X = Type of Fiber Core (as Below Table)

X = Fiber Count (2 ~ 16)

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

# UAPMXX

## 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	Strength Long/ Short Term N
UAPMxx	4-6	1.6	/	1.5/2.1	1	4	10.2	95	600/1500
UAPMxx	8-12	1.6	/	1.5/2.1	2	3	10.2	95	600/1500
UAPMxx	14-18	1.6	/	1.5/2.1	3	2	10.2	95	600/1500
UAPMxx	20-24	1.6	/	1.5/2.1	4	1	10.2	95	600/1500
UAPMxx	26-30	1.6	/	1.5/2.1	5	0	10.2	95	600/1500
UAPMxx	32-36	2.25	/	1.5/2.1	6	0	11.6	139	1500/3000
UAPMxx	38-42	2.25	3.7	1.5/2.1	7	1	12.8	164	1500/3000
UAPMxx	44-48	2.25	3.7	1.5/2.1	8	0	12.8	164	1500/3000
UAPMxx	50-60	2.25	2.8	2.0/2.6	5	1	12.8	164	1500/3000
UAPMxx	62-72	2.25	2.8	2.0/2.6	6	0	12.8	164	1500/3000
UAPMxx	74-84	2.25	4.5	2.0/2.6	7	1	14.6	214	1500/3000
UAPMxx	86-96	2.25	4.5	2.0/2.6	8	0	14.6	214	1500/3000
UAPMxx	98-108	2.25	6.1	2.0/2.6	9	1	17.0	262	1500/3000
UAPMxx	110-120	2.25	6.1	2.0/2.6	10	0	17.0	262	1500/3000
UAPMxx	122-132	2.25	8.0	2.0/2.6	11	1	19.5	325	1500/3000
UAPMxx	134-144	2.25	8.0	2.0/2.6	12	0	19.5	325	1500/3000
UAPMxx	146-216						19.5	330	1500/3000

**Crush Resistance:** 1000 N/100mm