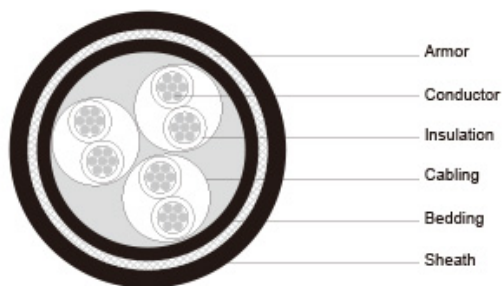


[FA-] TTY, TTYC, TTYCY [FA-] TTP  
Y, TTPYC, TTPYCY

**Standards:**

JISC 3410-1999  
IEC 60332-1  
IEC 60332-3 Cat.A(for FA-type)

**CABLE CONSTRUCTION**

<b>Conductor</b>	TT TTP	Tinned annealed stranded copper (TTY-type) Tinned annealed stranded copper (TTPY-type), class 2 according to IEC 60228
<b>Insulation</b>		60°C PVC(TTY-type)/ 85°C EPR(TTPY-type) as per JIS C 3401
<b>Twisting</b>		Two Insulated cores shall be twisted together to form a pair
<b>Cabling</b>		Twisted pairs shall be cabled. Flame retardant & non-hygroscopic fillers may be used
<b>Bedding</b>	Y	PVC as per JIS C 3401
<b>Armor</b>	C	Galvanized steel wire braid
<b>Sheath</b>	Y	PVC as per JIS C 3401
<b>Core identification</b>		Printed pair number and Alphabet letter on the white insulation. ex) 4P : (1A, 1B), (2A, 2B), (3A, 3B), (4A, 4B) - 1T, 1Q cable shall be identified by the black number on the white insulation
<b>Outer sheath color</b>		Black

**Cable Parameter**

(FA-) TTY,TTPY

No. of pair, Triad or Quad	Conductor			Thick. of insulation	Thick. of bedding	(FA-) TTY,TTPY		
	Size	Construction	O.D			Nom. overall dia	Tolerance	Cable Weight
	mm <sup>2</sup>	No./mm	mm	mm	mm	mm	mm	kg/km
1	0.75	7/0.37	1.1	0.7	1	7.9	0.4	70
1T	0.75	7/0.37	1.1	0.7	1.1	8.6	0.4	85
1Q	0.75	7/0.37	1.1	0.7	1.1	9.3	0.4	105
2	0.75	7/0.37	1.1	0.7	1.2	12	0.6	105
4	0.75	7/0.37	1.1	0.7	1.3	14.2	0.6	205

7	0.75	7/0.37	1.1	0.7	1.4	16.9	0.7	310
10	0.75	7/0.37	1.1	0.7	1.5	21.7	0.9	465
14	0.75	7/0.37	1.1	0.7	1.6	23.5	1	585
19	0.75	7/0.37	1.1	0.7	1.7	26.4	1.1	755
24	0.75	7/0.37	1.1	0.7	1.9	31.9	1.3	1030
30	0.75	7/0.37	1.1	0.7	2	34	1.4	1220
37	0.75	7/0.37	1.1	0.7	2.1	36.9	1.5	1450
48	0.75	7/0.37	1.1	0.7	2.3	42.8	1.7	1910

## (FA-) TTYC,TTPYC

No. of pair, Triad or Quad	Conductor			Thick. of insulation	Thick. of bedding	Dia. of steel wire	(FA-) TTYC,TTPYC		
	Size	Construction	O.D				Nom. overall dia	Tolerance	Cable Weight
	mm <sup>2</sup>	No./mm	mm				mm	mm	kg/km
1	0.75	7/0.37	1.1	0.7	1	0.3	9.2	0.4	130
1T	0.75	7/0.37	1.1	0.7	1.1	0.3	9.9	0.4	155
1Q	0.75	7/0.37	1.1	0.7	1.1	0.3	10.6	0.4	180
2	0.75	7/0.37	1.1	0.7	1.2	0.3	13.6	0.6	180
4	0.75	7/0.37	1.1	0.7	1.3	0.3	15.5	0.6	320
7	0.75	7/0.37	1.1	0.7	1.4	0.3	18.2	0.7	440
10	0.75	7/0.37	1.1	0.7	1.5	0.3	23	0.9	640
14	0.75	7/0.37	1.1	0.7	1.6	0.3	24.8	1	770
19	0.75	7/0.37	1.1	0.7	1.7	0.3	27.7	1.1	965
24	0.75	7/0.37	1.1	0.7	1.9	0.4	33.7	1.3	1380
30	0.75	7/0.37	1.1	0.7	2	0.4	35.8	1.4	1590
37	0.75	7/0.37	1.1	0.7	2.1	0.4	38.7	1.5	1860
48	0.75	7/0.37	1.1	0.7	2.3	0.4	44.6	1.7	2380

## (FA-) TTYCY,TTPYCY

No. of pair, Triad or Quad	Conductor			Thick. of insulation	Thick. of bedding	Dia. of steel wire	Thick. of covering	(FA-) TTYCY,TTPYCY		
	Size	Construction	O.D					Nom. overall dia	Tolerance	Cable Weight
	mm <sup>2</sup>	No./mm	mm					mm	mm	kg/km
1	0.75	7/0.37	1.1	0.7	1	0.3	0.8	11	0.4	170
1T	0.75	7/0.37	1.1	0.7	1.1	0.3	0.9	11.7	0.5	205
1Q	0.75	7/0.37	1.1	0.7	1.1	0.3	0.9	12.6	0.5	230
2	0.75	7/0.37	1.1	0.7	1.2	0.3	0.9	15.5	0.7	230
4	0.75	7/0.37	1.1	0.7	1.3	0.3	1	17.7	0.7	400

7	0.75	7/0.37	1.1	0.7	1.4	0.3	1.1	20.6	0.8	545
10	0.75	7/0.37	1.1	0.7	1.5	0.3	1.2	25.6	1	775
14	0.75	7/0.37	1.1	0.7	1.6	0.3	1.2	27.4	1.1	920
19	0.75	7/0.37	1.1	0.7	1.7	0.3	1.3	30.5	1.2	1140
24	0.75	7/0.37	1.1	0.7	1.9	0.4	1.4	36.7	1.5	1610
30	0.75	7/0.37	1.1	0.7	2	0.4	1.5	39.2	1.6	1860
37	0.75	7/0.37	1.1	0.7	2.1	0.4	1.6	42.3	1.6	2170
48	0.75	7/0.37	1.1	0.7	2.3	0.4	1.7	48.4	1.8	2760