

# INSTRUMENT CABLES

## REYKRY(1-50) Pairs x 1.5 mm<sup>2</sup> & (1-50) Pairs x 2.5 mm<sup>2</sup> 300/500 V

CU / PVC / OS / PVC / LS / PVC / SWA / PVC

(Copper Conductor, PVC Insulated, Collective Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)  
Standard Specification : BS 5308-2 & IEC 60502

### Construction Data

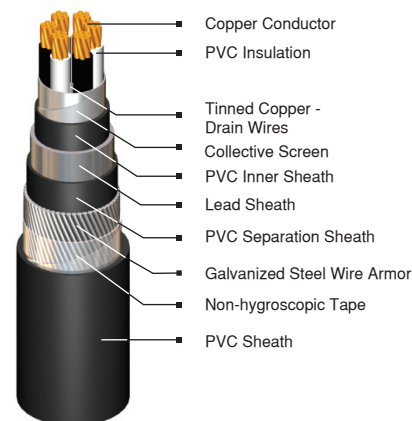
No. of pairs	Size			
	1.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>	
	Overall Diameter	Cable Weight	Overall Diameter	Cable Weight
	approx.	approx.	approx.	approx.
	mm	kg/km	mm	kg/km
1	18.1	955	19.9	1,136
2	21.0	1,180	24.5	1,569
3	23.5	1,477	26.5	1,818
4	25.0	1,657	29.0	2,154
5	26.5	1,829	31.0	2,429
6	28.0	1,978	33.0	2,729
7	29.0	2,108	35.5	3,158
9	32.0	2,549	40.0	3,917
10	33.0	2,699	41.0	4,149
12	35.5	3,189	43.5	4,542
14	38.0	3,543	47.5	5,466
15	39.0	3,775	49.0	5,837
16	40.0	3,995	50.0	6,027
18	41.5	4,239	52.5	6,495
19	42.5	4,357	53.5	6,680
20	43.5	4,513	55.0	7,087
24	48.0	5,521	59.0	8,040
30	52.0	6,424	64.5	9,419
36	56.0	7,312	69.5	10,901
40	58.0	7,949	72.0	11,598
48	63.0	9,070	79.0	14,232
50	63.5	9,276	80.0	14,562

#### Application :

Instrumentation cables are suitable for industrial control system as needed in measurement, control, signalling and data system technology.

#### Special Features on Request

- Fire Resistance
- Oil Resistance
- UV Resistance
- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Heat Resistance
- Anti Termite
- Anti Rodent
- Low Smoke Zero Halogen
- Nylon Coated



#### Note :

##### Conductor Shape

All construction supplied in solid (re) or non compacted circular stranded (rm)

##### Standard Packing

Size 1.5 mm<sup>2</sup> :

1 - 24 pairs supplied in wooden drum @ 1000 m

30 - 50 pairs supplied in wooden drum on available length

Size 2.5 mm<sup>2</sup> :

1 - 15 pairs supplied in wooden drum @ 1000 m

16 - 50 pairs supplied in wooden drum on available length

Length tolerance per drum ± 2%

Size of drain wire : 0.5 mm<sup>2</sup>

### Electrical Data

Conductor		Insulation		Mutual Capacitance	AC Voltage Test
Nominal Cross Section	Resistance at 20°C	Resistance at 20°C	Resistance at 20°C		
	max.	min.	max.	-	
mm <sup>2</sup>	ohm/km	M.ohm.km	pF/m	volt/1 min	
	1 Pair	≥2 Pair			
1.5	12.1	12.3	25	250	1000
2.5	7.41	7.56	25	250	1000

# INSTRUMENT CABLES

## REYKRY (2-50) Pairs x 1.5 mm<sup>2</sup> & (2-50) Pairs x 2.5 mm<sup>2</sup> 300/500 V

CU / PVC / IS / PVC / LS / PVC / SWA / PVC

(Copper Conductor, PVC Insulated, Individual Screen, Lead Sheathed, Galvanized Steel Wire Armor, PVC Sheathed)  
Standard Specification : BS 5308-2 & IEC 60502

### Construction Data

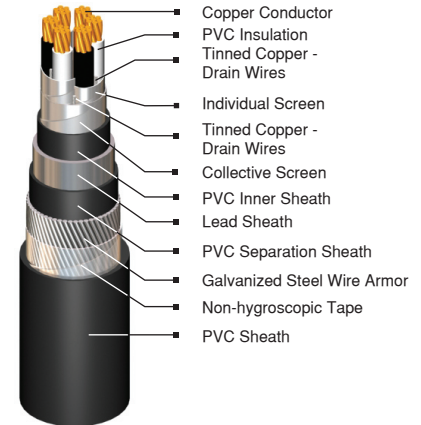
No. of pairs	Size			
	1.5 mm <sup>2</sup>		2.5 mm <sup>2</sup>	
	Overall Diameter	Cable Weight	Overall Diameter	Cable Weight
	approx.	approx.	approx.	approx.
	mm	kg/km	mm	kg/km
2	23.5	1,519	26.0	1,856
3	24.0	1,616	27.0	2,003
4	25.5	1,770	29.5	2,306
5	27.0	1,885	31.5	2,479
6	29.5	2,186	35.5	3,211
7	29.5	2,205	35.5	3,238
9	34.5	3,053	42.0	4,247
10	36.5	3,258	44.0	4,575
12	39.0	3,604	48.5	5,445
14	40.5	3,952	50.5	5,968
15	42.5	4,285	53.0	6,532
16	44.0	4,491	55.0	6,851
18	48.0	5,305	58.0	7,383
19	48.0	5,355	58.0	7,462
20	49.5	5,688	61.0	8,185
24	56.5	6,775	69.5	9,745
30	59.5	7,694	73.5	11,038
36	64.0	8,729	80.5	13,635
40	66.5	9,390	83.5	14,376
48	73.0	10,946	91.5	16,802
50	75.5	12,082	93.0	17,274

#### Application :

Instrumentation cables are suitable for industrial control system as needed in measurement, control, signalling and data system technology.

#### Special Features on Request

- Fire Resistance
- Oil Resistance
- UV Resistance
- Flame Retardant Cat. A, B, C
- Flame Retardant Non Category
- Heat Resistance
- Anti Termite
- Anti Rodent
- Low Smoke Zero Halogen
- Nylon Coated



#### Note :

##### Conductor Shape

All construction supplied in solid (re) or non compacted circular stranded (rm)

##### Standard Packing

Size 1.5 mm<sup>2</sup> :

2 - 20 pairs supplied in wooden drum @ 1000 m

24 - 50 pairs supplied in wooden drum on available length

Size 2.5 mm<sup>2</sup> :

2 - 12 pairs supplied in wooden drum @ 1000 m

14 - 50 pairs supplied in wooden drum on available length

Length tolerance per drum ± 2%

Size of drain wire : 0.5 mm<sup>2</sup>

### Electrical Data

Conductor		Insulation		Mutual Capacitance	AC Voltage Test
Nominal Cross Section	Resistance at 20°C	Resistance at 20°C			
	max.	min.		max.	-
mm <sup>2</sup>	ohm/km	M.ohm.km		pF/m	volt/1 min
1.5	12.3	1		250	1000
2.5	7.56	1		250	1000