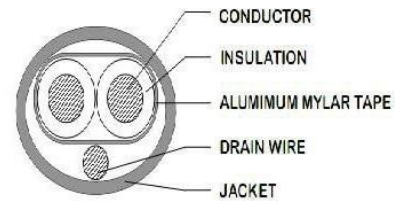


## TKCAB 1P 18AWG



## Approvals (Norm references)



## Application:

- Especially Designed for data transmission, control and measurement. Audio, fire alarm, RS 232, RS485
- Building Management system, HVAC, PA system, Video door phone... Use in dry or damp environment.

## Product features:

- Acc. To UL 2464
- Flame Retardant acc. to IEC 60332-1-2
- Optimum protection against external interferences at medium and high frequencies due to 100% screen coverage.
- Good shielding and low noise interferences due to Twisted pair
- Ideal for high demand of screening and requirement of high flexibility.

## Construction

Conductor	Flexible Class 5 Stranded Tinned Copper Conductor
Insulation	Polyethylene (PE) Compound twisted in pair
Screening	Aluminium foil Screening
Drain Wire	Tinned Copper Drain Wire
Outlet Sheath	Polyvinyl Chloride (PVC) Compound Color: Grey, RAL 7037

## Technical Data

Working Voltage	300/500V
Test Voltage	1500V
Rated Temperature	--- 20°C - 75°C
Insulation Resistance	10MΩ--- Km (min) @ 20°C DC 500V
Dielectric Strength	AC 500V/1 minute no breakdown
Flexibility Test	No cracking
Flame Test	Pass horizontal flame
Dielectric Test	1.5 KV
Flame Retardant	In accordance to UL type FT4
Standard & Approval	ROHS
UL Standard	In accordance to UL 2092, UL 2095
Minimum Bending Radius	8 x OD (static)

## TKCAB P/N

TKCAB PN	No. of Pair	Conductor Cross section – AWG	Approx. cable OD $\approx$ mm	Conductor Resistance @ 20°C (max) $\Omega$ /Km
TK01P16	1	16 AWG	7.70	10.2
TK01P18	1	18 AWG	7.30	14.8
TK01P20	1	20 AWG	5.10	23.7
TK01P22	1	22 AWG	4.60	37.6
TK01P24	1	24 AWG	4.00	60.3
TK02P16	2	16 AWG	10.50	10.2
TK02P18	2	18 AWG	7.50	14.8
TK02P20	2	20 AWG	6.40	23.7
TK02P22	2	22 AWG	5.60	37.6
TK02P24	2	24 AWG	5.10	60.3
TK03P16	3	16 AWG	12.20	10.2
TK03P18	3	18 AWG	11.50	14.8
TK03P20	3	20 AWG	9.50	23.7
TK03P22	3	22 AWG	8.40	37.6
TK03P24	3	24 AWG	7.80	60.3
TK04P16	4	16 AWG	18.20	10.2
TK04P18	4	18 AWG	15.50	14.8
TK04P20	4	20 AWG	12.50	23.7
TK04P22	4	22 AWG	10.90	37.6
TK04P24	4	24 AWG	9.80	60.3

**Note:**

Another size, Please contact us.