

Bundled Shield Multipair Data Cable

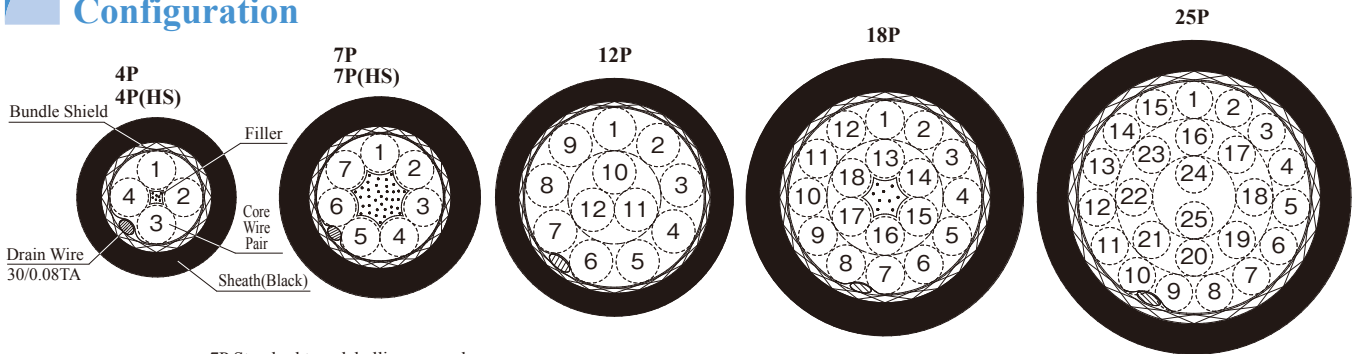
Applications

Best choice for data communication control (Twist-pair) in video, audio devices and among general devices.
(Example) RS422, RS485, RS232C etc.

Features

- The color codes and dots/dashes have been employed for core wire identification, therefore, protection of faulty wiring based on misinterpretation become available.
- Cross-linked polyethylene have been employed for insulator in consideration of soldering workability, the superior flexible PVC have been employed for the cable sheath (Standard type), in playing up the cable handling.
- HS type 4P and 7P, which have been employed high slipping property PVC for cable sheath, are also available in consideration of the wiring and insertion works to duct, etc.
- Pb free PVC have been employed for sheath material in consideration of the environment.
- Strand pitch of twist-pair nearby have been designed individually in consideration of crosstalk between twist-pair, so that more stable communication control is assured.

Configuration



<7P Standard type labelling example>
Pb free Data Cable 02TA-7P TACHII MADE IN JAPAN

<7P(HS) type labelling example>
Pb free Data Cable 02TA-7P TACHII MADE IN JAPAN

Construction·Properties

Model	Conductor		Insulator	Unit Structure		Bundle Shield(Braid)		Finished Product	Electrical Properties				Stock
	Structure Wires/mm	Section Area mm ²		O.D. mm	Strand Pitch mm	O.D. mm	Structure Strand/Wires/mm		Density %	O.D. mm	Conductor Resistance Ω/km	Line Capacity pF/m	
Data Cable 02TA-4P	7/0.18TA	0.18 (AWG25)	1.0	Refer Core Wire Identification List	2.0	24/7/0.12TA	91 min.	6.5	121 max.	55 (1kHz)	95 (1MHz)	27 (1MHz)	① / ②
Data Cable 02TA-4P(HS)						① / ②							
Data Cable 02TA-7P						24/7/0.12TA		8.2					① / ②
Data Cable 02TA-7P(HS)						24/9/0.12TA		9.7					① / ②
Data Cable 02TA-12P						24/10/0.12TA		11.3					① / ②D
Data Cable 02TA-18P						24/12/0.12TA		12.8					① / ②D
Data Cable 02TA-25P													

① 100m Spool ② 200m Spool ②D 200m Drum Other length available on request

Core Wire Identification

Pair	Strand Pitch mm	Insulator/Dot	Pair	Strand Pitch mm	Insulator/Dot	Pair	Strand Pitch mm	Insulator/Dot	Pair	Strand Pitch mm	Insulator/Dot
1P	37	Brown White	8P	37	Gray White	15P	29	Green White	22P	31	Red White
2P	31	Red White	9P	31	White White	16P	31	Blue White	23P	37	Orange White
3P	37	Orange White	10P	37	Black White	17P	37	Purple White	24P	41	Yellow White
4P	31	Yellow White	11P	31	Brown White	18P	31	Gray White	25P	29	Green White
5P	37	Green White	12P	41	Red White	19P	37	White White			
6P	31	Blue White	13P	37	Orange White	20P	31	Black White			
7P	41	Purple White	14P	31	Yellow White	21P	37	Brown White			