

# RS422 Communication Composite Cable

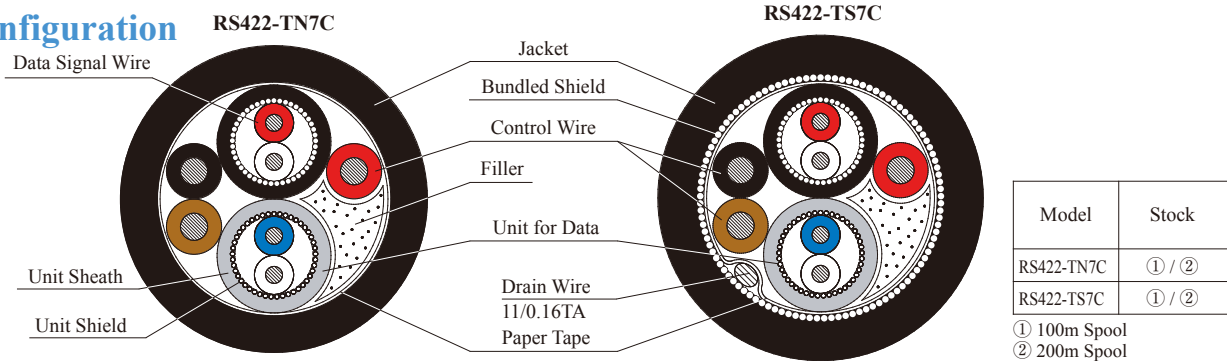
## Applications

Cable for short distance with RS422 Specifications in use of broadcasting stations and audio/video devices.

## Features

- Cross-linked Polyethylene (PEX) have been employed for 2 units data signal insulator so that stripping and soldering work can be easily done.
- Anti-noise property has been increased in RS422-TS7C by employing bundle spiral shield.
- UL Style 20002 has been employed to accommodate the functionality requirement of UL specification.
- Pb free PVC have been employed for control wire insulation, unit sheath and jacket materials in consideration of the environment.

## Configuration



## Construction·Properties

Model	Data Unit					Control Wire			Bundled Shield	Finished Product		Electrical Properties			
	Conductor		Insulator	Shield	Sheath	Conductor		Insulator		Structure Wires/mm	O.D. mm	Approx. Weight kg/100m	Data Unit		Line Capacity pF/m
	Structure Wires/mm	Section Area mm <sup>2</sup>	O.D. mm	Structure Wires/mm	O.D. mm	Structure Wires/mm	Section Area mm <sup>2</sup>	O.D. mm	Data				Control	1kHz	
RS422-TN7C	7/0.127TA	0.09 (AWG28)	0.88	42±5/0.1TA	2.5	11/0.16TA	0.22 (AWG24)	1.25	—	6.6	5.3	242 max.	88.3 max.	100	110
RS422-TS7C									103±3/0.14TA	7.0	7.4				

## Cable for Power Source

# Vinyl Cabtire Cable with Shield

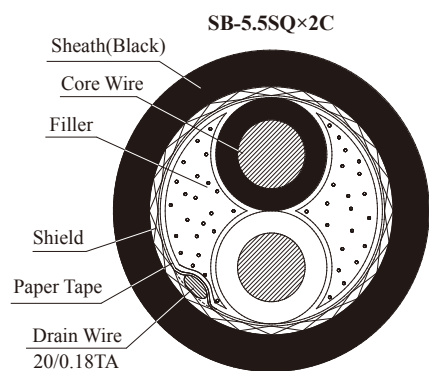
## Applications

Power source cable with bundle shield, used in broadcasting stations and audio/ video devices. (Rated temperature:60°C, Regular voltage AC600V or DC750V)

## Features

- Inductive noise to surrounding area can be minimized to employ the bundle shield in corresponding to large capacity power source.
- Drain wire equivalent to 0.5SQ has been built-in in bundle shield in consideration of cable ends workability.
- Heatproof and fire-resistant PVC have been employed for insulator and sheath materials, more allowance against the heat when applying current are assured.
- Non-translocated materials for ABS and polystyrol have been employed for sheath, the product can be used in almost every terrestrial environment.
- Pb free PVC have been employed for insulation and sheath materials in consideration of the environment.

## Configuration



## Construction·Properties

Model	Conductor		Insulator	Strand	Shield(Braid)			Finished Product			Conductor Resistance Ω/km	Stock
	Structure Wires/mm	Section Area mm <sup>2</sup>	O.D. mm	Pitch mm	Structure Strands/Wires/mm	Density %	O.D. mm	O.D. mm	Approx. Weight kg/100m			
SB-3.5SQ×2C	45/0.32TA	3.61	4.1	82 max.	24/8/0.14TA	abt.84	9.0	11.9	21.2	5.51 max.	50m / ① / ②D	
SB-5.5SQ×2C	70/0.32TA	5.62	5.1	102 max.	24/8/0.14TA	abt.81	11.2	14.5	29.8	3.39 max.	50m / ① / ②D	

① 100m Spool ②D 200m Drum 50m 50m Spool Other length available on request