



一、Technical parameter

Type	RS485 1Pair 16AWG
Specification	/
Conductor	
Conductor material	TC
Conductor Construction (mm)	19×0.287±0.01
Insulation	
Insulation material	Foam PE
Insulation diameter(mm)	3.5±0.1
Average Thickness (mm)	1.0
Min Thickness (mm)	0.85
Color	Blue-White
Filler	
Filler material	Fill the rope
Shield	
Shield material	AL/PET
Drain wire	
Drain wire material	TC
Drain wire size	7×0.254±0.01mm
Braid	
Braid material	TC
Braid Cover	90%

Type	RS485 1Pair 16AWG
Specification	/
Jacket	
Jacket material	PVC
Jacket Diameter(mm)	9.7±0.5
Average Thickness (mm)	1.0
Min Thickness (mm)	0.85
Color	Black
Electrical & Physical Characteristics:	
Conductor resistance	14.3Ω/km max 20° c
Characteristic Impedance(Ohm)	120±15
Capacitance Conductor to Conductor	Nom 23 pF/m
Capacitance Conductor to Shield	Nom 46 pF/m
Velocity of prop	Nom66%
Max. Operating Voltage	300V (not for power purposes)
Operating temperature	- 15° C ~70° C