

Description		10C: 2x28AWG+2coax X36AWG +6x32AWG 4.2mm
Structure Characteristics		
A:Conductor	Material	Tinned copper wire
	Strands/mm) Composition(No./mm)	7/0.12±0.008(28AWG)
	NOM.O.D(mm)	0.36
A:Insulation	Material	FEP
	Color (A1)	Red
	Color (A2)	Black
	Nom. Thick.(mm)	0.13
	NOM.O.D(mm)	0.62±0.03
B:Conductor	Material	Silverplated copper wire
	Type	7/0.05±0.008(36AWG)
	NOM.O.D(mm)	0.15
B:Insulation	Material	FEP
	Color (B1)	Clarity
	Color (B2)	Clarity
	Nom. Thick.(mm)	0.125
	NOM.O.D(mm)	0.4±0.03
B:Shield	Material	Tinned copper wire
	(Strands/mm) Composition(No./mm)	16/3/0.05±0.008
	NOM.O.D(mm)	0.6
B:Jacket	Material	FEP
	Nom. Thick.(mm)	0.1
	NOM.O.D(mm)	0.81±0.05
	Color (B1)	Black
	Color (B2)	White
C:Conductor	Material	Tinned copper wire
	(Strands/mm) Composition(No./mm)	7/0.08±0.008(32AWG)
	Nom. Thick.(mm)	0.24
C:Insulation	Material	FEP
	Nom. Thick.(mm)	0.07
	NOM.O.D(mm)	0.38±0.03
	Color (C1)	Yellow
	Color (C2)	Green
	Color (C3)	Blue
	Color (C4)	White
	Color (C5)	Gray
	Color (C6)	Purple
Twist	Composition	2A+2B+6C
	NOM.O.D(mm)	2
	Orientation	S

Shield	Material	AL-Mylar	
	Overlap (%)	≥25%	
Braid	Material	Tinned copper wire	
	Strands/mm) Composition(No./mm)	16/7/0.08±0.008	
	Coverage(%)	≥90%	
Jacket	Material	PVC	
	Nom. Thick.(mm)	0.84	
	NOM.O.D(mm)	4.2±0.2	
Electrical characteristics			
Item	Unit	Details	
Rating temperature	℃	105	
Rating voltage	V	30	
@20℃ center conductor resistance	Ω/km	28AWG	238
		32AWG	613
@20℃Insulation resistance	Ω·km	Min.1000	
@TDR(1ns) Characteristic Impedance	Ω	50±5	
Capacitance	pF/m	105±10	
Operating temperature		-40℃~80℃	
Optimal preservation period		Two Months	