



Application:

- 10GB Networks ,High speed Connection
- 1000BASE-T (IEEE802.3)
- 100VG-AnyLAN (IEEE802.12)
- Voice, T1, ISDN, E1
- 155/ 622 Mbps ATM
- Power over Ethernet

Structure:

- AWG23 Conductor Solid or Stranded Bare Copper
Conductor Dia. (+0.008/-0.01mm)0.570
- Insulation Foam PE
Average Thickness(±0.03mm)0.38
Min. Point Thickness(mm)0.36
- Insulation Dia.(±0.03mm)1.34
- Twisting Lay Length(mm)30underneath
- Cabling Lay Length(±20mm)100±20
- Drain wire 0.4TC
- Polyester/Aluminum foil
- BRAID16*6*0.12 CCAM
- FR PVC/LSZH jacket
- Average Thickness(±0.05mm)0.6
- Transmission: 10Gbps

Electrical Characteristics:

Frequency (Mhz)	Return loss (dB)	Attenuation (dB/100m)	Next (dB)	ACR (dB)	PS Next (dB)	ELFEXT (dB)	PS ELFEXT (dB)
1	20.0	2.0	81.3	79.3	74.8	570.0	71.8
4	23.6	3.7	72.3	70.3	62.7	562.0	59.7
10	26.0	5.9	66.3	64.3	54.8	545.4	51.8
16	26.0	7.4	63.2	61.2	50.7	543.0	47.7
20	26.0	8.3	61.8	59.8	48.7	542.0	45.7
30	24.8	10.2	59.1	57.1	45.2	538.6	42.2
62.5	22.5	14.9	54.4	52.4	38.8	537.6	35.8
100	21.1	19.0	51.3	49.3	34.8	536.8	31.8
200	19	27.5	46.8	44.8	28.7	536.5	25.7
250	18.3	31.0	45.3	43.3	26.8	536.3	23.8
300	17.8	34.2	44.1	42.1	25.2	535.1	22.2
350	17.3	37.2	43.1	41.1	23.9	535.9	20.9
400	16.9	40	42.3	40.3	22.7	535.8	19.7
500	16.2	45.3	40.8	38.8	20.8	535.6	17.8

Industrial Standards:

International ISO/IEC 11801
EIA/TIA568C.2

Mechanical Characteristics:

- Test Object Jacket
- Test Material PVC
- Before Tensile Strength (Mpa)>=13.8
- Aging Elongation (%)>=100
- Aging Condition (oCxhrs)100x240
- After Tensile Strength (Mpa)>=85% of unaged
- Aging Elongation (%)>=50% of unaged
- Cold Bend(-20±2oCx4hrs)No crack



Ordering Information

NP-CSF600A-

JACKET P = PVC L = LSZH	CONDUCTOR TYPE SO = Solid ST = Stranded	INNER JACKET COLOR BK = Black GR = Green OR = Orange WH = White BL = Blue GY = Grey RE = Red YE = Yellow
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Packing: 500 m