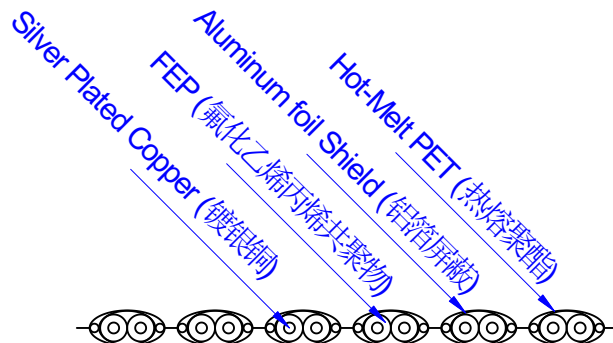
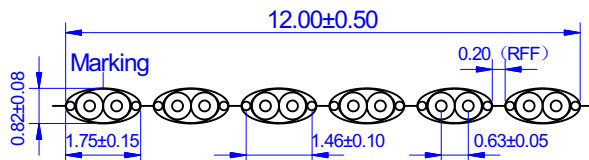


Cross Section



Description

Rated Voltage (V): 30  
Rated Temperature (°C): 80  
Flammability Test: H:CMF  
Reference Standard: Customer's requirement

Usage instruction:

Not to be used directly in corrosive environments such as strong acids and strong alkaline. not be immersed in water or in a high humidity environment. not be exposed in the sunlight outdoor. It is suggested the wiring minimum bending radius shall be 5 times OD and more, and can not be used in strong stress conditions. The wire needs to be stored indoors, in a dry and ventilated environment. If there's some special requirements for wire, please contact with our sales. When customers purchase our products, they should test to verify whether the products are applicable to the usage.

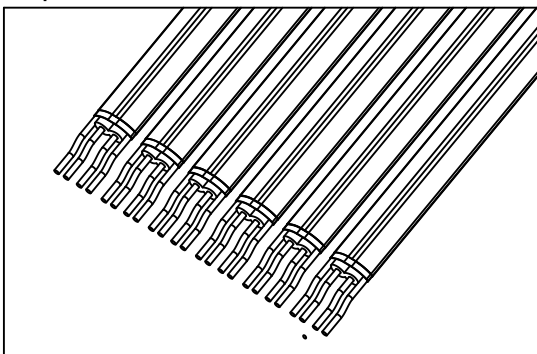
CONSTRUCTION

Cores: 1P  
Conductor: Silver Plated Copper  
AWG: 30  
Construction (mm): 1/0.254  
Core Dia. (mm): 0.254  
Insulation: FEP  
Nom. Thickness (mm): 0.18  
Insulation Dia(±0.05mm): 0.63  
Drain wire: Tinned Copper  
Construction (mm): 1/0.20X2PCS  
Wrapping: 1P  
Al-mylar(Blue,Coverage,%): ≥100  
Hot-Melt PET(Coverage,%): ≥100  
Outer Wrapping: 6P  
Hot-Melt tape (Coverage,%): ≥100  
Dia(H\*W,mm): 0.82±0.08\*12.0±0.50

Mechanical Properties:

Minimum Bend Radius: 5 times the outer diameter (OD) or more. It shall not be used under strong stress conditions.

3D photo



ELECTRONIC CHARACTERISTICS:

1. Min. Insulation DC Resistance (Mohm.km): 100
2. Dielectric Strength (kV/min): 0.50
3. Max.DC Resistance at 20°C (ohm/km): 376
4. Impedance(Ω) TDR: 85±5(differential)
5. Delay skew(ps/m) Intra: ≤10
6. Delay (ns/m): ≤5.18
7. Attenuation(dB/m) Max.((Test length 3 meters))

Frequency(GHz)	Att.(dB/m)Max
0.01-4.0	4.20
4.0-8.0	6.50
8.0-12.0	8.50
11.25-20.0	12.80

ENVIRONMENTAL RESTRICTED SUBSTANCE REQUIREMENT:

- RoHS2.0 ;
- REACH;
- CP65;
- Antimony free (Sb<700ppm) ;
- HF (Cl<900ppm; Br<900ppm. Cl+Br<1500ppm) ;
- SONY SS-00259

■ means Compliance



APPROVED: Taotie  
ENGINEER: Dane  
CHECKED: June  
DRAWN: Dane

UNIT: mm  
SCALE:

TITLE: 24Pin 6 Pairs Data Flat Cable  
DRAWING NUMBER: ADT-24P-5.0  
Date: 2025/Jun./25  
SHEET:   
SIZE:   
REV:   
ADT-Link www.adt.link