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实芯绝缘同轴射频电缆
Solid Insulated Coaxial Radio-frequency Cable

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射频电缆 Radio Frequency Cable

适用于无线通讯、广播和有关电子设备中传输射频信号以及闭路电视共用天线电视系统作分支线、进户线和其他电装置中。

Applied to branch cable, house service cable for transmitting radio frequency signal and TV system which has common antenna of closed-circuit television in radio communication, broadcast and relevant electrical equipment or applied to electrical devices.



射频电缆 Radio Frequency Cable

实芯绝缘同轴射频电缆 Solid Insulated Coaxial Radio-frequency Cable

执行标准 Executive standard

本产品采用电子部SJ标准制造生产。

The product is manufactured according to SJ standard of ministry of electronics industry.

适用范围 Applicable Scope

本产品适用于无线通讯、广播和有关电子设备中传输射频信号以及闭路电视共用天线电视系统作分支线、进户线和其他电子装置中。

The product is applied to radio communication, broadcasting, signal-transmission for relevant electronic facilities, branch line and subscriber line for closed-circuit TV system, and other electronic devices..

使用特性 Operating Features

- 1、电缆正常运行时导体最高工作温度为85℃（高密度材料）或80℃（其他密度材料）。

Max. operating temp of conductor at normal operation is 85℃ (high density material) or 80℃ (other density material).

- 2、电缆短路时导体最高温度为160℃。（短路最长持续时间为5秒）

Max temp of conductor at short circuit is 160℃ (max duration at short circuit is 5s).

- 3、电缆一次性室内敷设最小弯曲半径为电缆直径的5倍；一次性室外敷设最小弯曲半径为电缆直径的10倍。

Min. bending radius of once installation indoor is 5 times than cable O.D, and min bending radius of once installation outdoor is 10 times than cable O.D

4、电缆敷设 Cable Installation

电缆敷设时PE绝缘、1类PVC护套环境温度不低于-15℃；PE绝缘、2类PVC护套环境温度不低于-40℃；FEP或PTFE绝缘环境温度不低于-55℃。

Min. ambient temp of PE insulation, category 1 PVC sheathed cable is -15℃, -40℃ for PE insulation, category 2 PVC sheathed cable, -55℃ for FEP for PTFE insulation.

电缆的型号、名称和主要用途 Type, Description and Service Environment

| 型号 Type | 电缆名称 Description | 主要用途 Main application |
|--------------------|--|--|
| SYV | 实芯聚乙烯绝缘聚氯乙烯护套同轴射频电缆 Solid, PE insulated and sheathed, coaxial radio-frequency cable | 传输射频信号 For transmission of radio frequency signal |
| SF ₄₆ F | 实芯聚四氟乙烯绝缘四氟乙烯护套同轴射频电缆 PTFE Insulated Tetrafluoroethylene Sheathed Solid Coaxial Radio-frequency Cable | 传输射频信号 For transmission of radio frequency signal |
| SFF | 实芯聚四氟乙烯绝缘及护套同轴射频电缆 Solid, FEP insulated and sheathed, coaxial radio-frequency cable | 传输射频信号 For transmission of radio frequency signal |

型号、规格及技术特性 Type, Spec. and Technical Features

1. SYV系列见表1

SYV series is shown in table 1

2. SFF系列见表2

SFF series is shown in table 2

3. SF46F系列见表3

SF46F series is shown in table 3

注：(1)绝缘外径、特性阻抗为额定值；

(2)型号及规格的表示方法为“型号-特性阻抗-绝缘外径”。

Note: (1)insulation outer diameter and characteristic impedance are rated values.

(2)Expressing method for type and size is “type-Characteristic impedance-Insulation outer diameter.