CX60-24S-1000-C / CX60-24S-1000-CD / CX60-24S-1000-CS

Introduction HIROSE's USB Type-C "Cable Assembly"

USB from Hirose Electric:
Standard connections, inspired solutions.

Wide Variation | Click Feeling | USB4

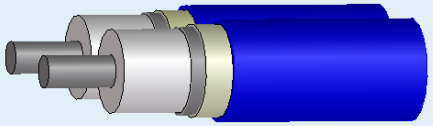
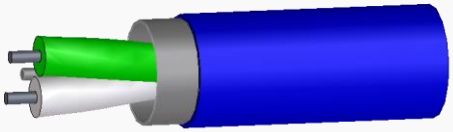
Features

1 **USB Type-C compliant interface connector**
- **USB4 Gen.2 (10Gbps), high speed transmission**

2 **Uses micro coaxial cable**
- **Thin and soft cable for easy handling**
- **Excellent high-speed transmission characteristics and flexibility**

3 **3 types of double-ended plug cable assembly available**
- **Slim Type, Screw Locking Type (Dual Screw/Single Screw)**

	HRS Micro Coaxial Cable	STP
Softness (Flexibility)	Very Good	Poor
Flexural Strength	Very Good	Poor
Cable Outer Diameter	Good (ø4.8)	Fair (ø5 Min.)
High-Speed Transmission Characteristics (Initial)	Very Good	Good
High-Speed Transmission Characteristics (50,000 bends)	Very Good (10Gbps)	Poor (10Gbps)
Price	Fair	Good

Type	HRS Micro Coaxial Cable	STP
Design		
	- A coaxial cable is used for the SuperSpeed line. - Coaxial characteristic impedance is 45Ω - The SuperSpeed line consists of 2 coaxial cables per pair and 4 sets of coaxial cable pairs (8 cables)	- STP used for the SuperSpeed line. - STP's characteristic impedance is 90Ω - STP 4-cable configuration
Features	- Relatively expensive - The cable is soft. - The cable resists characteristic degradation caused by bending. - The coaxial cable has a rigid shield design. It has high frequency, low attenuation and high stability.	- Cheap - A set of rigid cable pairs. - The cable characteristics degrade when bended. - Electric properties have low stability due to the design. - The twin-core twisted pair design stabilizes the internal skew.

*STP: Shielded Twisted Pair

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