

USB from Hirose Electric:
Standard connections, inspired solutions.



Wide Variation



Click Feeling



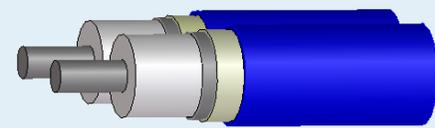
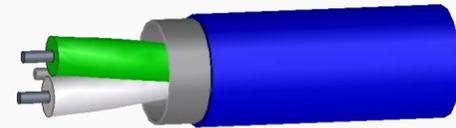
USB4

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)



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HRS Micro Coaxial Cable		STP	Type	HRS Micro Coaxial Cable		STP				
Softness (Flexibility)	Very Good	Poor	Design			<ul style="list-style-type: none"> - 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) 				
Flexural Strength	Very Good	Poor					Features	<ul style="list-style-type: none"> - 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. 	<ul style="list-style-type: none"> - 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. 	
Cable Outer Diameter	Good (ø4.8)	Fair (ø5 Min.)								<ul style="list-style-type: none"> - STP used for the SuperSpeed line. - STP's characteristic impedance is 90Ω - STP 4-cable configuration
High-Speed Transmission Characteristics (Initial)	Very Good	Good								
High-Speed Transmission Characteristics (50,000 bends)	Very Good (10Gbps)	Poor (10Gbps)								
Price	Fair	Good								

*STP: Shielded Twisted Pair