



PIGTAIL CABLE ASSEMBLIES

For Router and Gateways

- » Wide range of miniaturized Hirose U.FL & H.FL and I-PEX MHF connectors
- » Customer specific design solutions
- » Many years of experience in production in various volumes
- » Standard types of connectors and cable types available ex stock



IMS CS PIGTAILS

Reliable RF solutions in miniature

Miniaturised pigtail U.FL, H.FL and I-PEX MHF have been used in many applications for years due to their extremely compact size. They are ideal for a variety of applications in which space is a critical factor. The plug connectors operate in a frequency range up to 6 GHz and guarantee owing to their low install height of 2.5mm and a space requirement of only 3 mm² the highest possible component density. Our pigtail cable assemblies are available in various lengths and can be adapted easily to a multitude of different high-quality coaxial RF-plug connectors. These cable assemblies are used in RF-modules such as Wireless LAN, G2M, UMTS, Bluetooth, DVD-T and PC cards for all kinds of embedded systems on the M2M market.

Our products meet the increasing demand for high quality, reliable cable assemblies thanks to their first-class process stability and the strictest quality criteria.



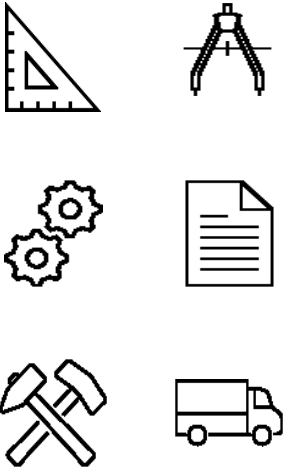
Product features

- » Use of miniaturised original-plug connectors of the types Hirose U.FL, H.FL and I-PEX MHF
- » Focus on customer-specific solutions for individual applications
- » Large selection of coaxial antenna plug connectors for panel use
- » Extraordinary RF-characteristics in all pigtail cable assemblies
- » Miniaturised coax cable of just 0.81mm / 1.13mm / 1.32mm / 1.37mm diameter available
- » Easy customer-specific adjustment
- » Frequency range: up to 6 GHz



YOUR BENEFITS

- » Over 25 years of experience in the production of small, medium and high volumes
- » Standard types of connectors and cable types available ex stock
- » Customized logistic concepts
- » Many years of experience in communication, automotive and industrial applications
- » Customers can use their preferred cable types
- » Wide range of coaxial antenna panel connectors
- » Custom design solutions to meet the hardest requirements



Product portfolio

Hirose U.FL and H.FL

- » DIN 41612
- » D-Sub
- » MMCX
- » N
- » QLS
- » SMA
- » SMB
- » SMBA (FAKRA)
- » SMC
- » SMP
- » TNC
- » Double sided plug
- » Second side stripped



I-PEX MHF

- » D-Sub
- » MCX
- » Mini-Coax
- » QLS
- » SMA
- » Double sided plug
- » Second side stripped
- » MHF1 with locking function



Protection cap

To protect non adapted interconnections, the RF connectors can be equipped with protection caps. These caps offer protection against dust and water penetration. The protection caps are available for SMA, TNC and N types. There are variations available with and without straps.





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