HYTEM
Microwave Systems

RF AND MICROWAVE SPECIAL COAXIAL CABLES

Various markets and applications



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HYTEM PRESENTATION



Created in 1994, the HYTEM company has continued to evolve in the field of radio frequencies and microwaves. It has become an industrial player with the creation of RF and microwave cords and connectors, RF components, RF design and integration departments. This diversification has strengthened control of its global offering and makes it possible to provide ever more innovative solutions to its customers.

The HYTEM company is consolidating its investment policy in order to maintain its competitiveness and move towards automation of the manufacturing processes of measurement and control devices. Technological developments and the diversity of fields of application have led the HYTEM company to constitute a complete and global product offering. High quality, total reliability and great flexibility combined with an ever-expanding range of products ensure that HYTEM has a dominant position in its markets.

The availability in stock of the most common models is the response to the requirement for responsiveness and flexibility of requests.

ISO 9001 CERTIFICATION
The HYTEM company has been committed to a quality policy with ISO 9001 certification since 2001. Click here for the latest version of the certificate.

CSR BOOKLET
We are also committed to Corporate Social Responsibility (CSR). Follow this link to view our CSR booklet summarizing our initiatives and actions in favor of a more sustainable future.

ECOVADIS ASSESSMENT
HYTEM is committed to Corporate Social Responsibility and continuous improvement. Our EcoVadis assessment recognizes the actions implemented in the areas of environmental sustainability, ethics, human rights, and responsible procurement. Click here to view our latest EcoVadis scorecard.

FRENCH FAB
HYTEM is proud to be a member of La French Fab, the community that promotes French industrial excellence. This initiative highlights companies that innovate, manufacture, and contribute to the competitiveness of French industry. Click here to learn more about our commitment as a member of La French Fab.

LOW NOISE

Specifically designed to minimize parasitic voltage fluctuations (phase noise, thermal noise, etc.), these cables ensure maximum signal integrity in sensitive, cryogenic, or ultra-low-power measurement applications. Their optimized construction provides excellent electromagnetic immunity and outstanding temporal stability, even under extreme conditions.



Part Number	Temperature range	Minimum bend radius	Weight	Frequency range	Impedance	Shielding effectiveness	Jacket
HY196LN	-55 °C ~ +200 °C	50 mm (stat)	9 kg/km	DC ~ 3 GHz	50 Ohms	70 dB (typ)	Wrapped PTFE Ø 2,00 mm

LOW INTERMODULATION

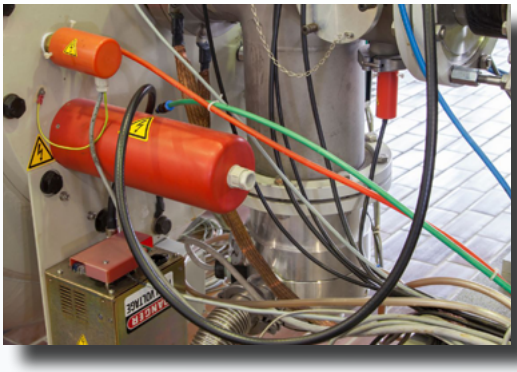
Optimized for cellular networks and multiband systems, these cables ensure an extremely low level of passive distortion. Thanks to their precise design and enhanced quality control, they effectively minimize the generation of third-order intermodulation (IM3), which is essential for maintaining clean transmission in demanding RF environments. When paired with suitable connectors, they are ideal for indoor and outdoor installations where spectral performance is critical.



Part Number	Temperature range	Minimum bend radius	Weight	Frequency range	Impedance	Jacket
HY402MFLP	-65 °C ~ +125 °C	20 mm (stat) / 40 mm (dyn)	49 kg/km	DC ~ 6 GHz	50 Ohms	FEP Ø 4,06 mm
HY401MFLP	-65 °C ~ +125 °C	40 mm (stat) / 80 mm (dyn)	142 kg/km	DC ~ 6 GHz	50 Ohms	FEP Ø 6,90 mm

HIGH VOLTAGE DC

These cables are specifically designed to carry high direct voltages while ensuring excellent electrical insulation and high stability in demanding environments. Thanks to their reinforced dielectric structure and rigorously tested voltage withstand capability, they are suitable for scientific, industrial, or testing applications requiring long-term reliability and safety.



Part Number	Temperature range	Minimum bend radius	Weight	Frequency range	Impedance	Voltage Withstand	Jacket
HYLM195UFHT	-40 °C ~ +85 °C	10 mm (stat) / 40 mm (dyn)	40 kg/km	DC ~ 8 GHz	50 Ohms	15 kV DC	LSFH PE Ø 5,00 mm

HD VIDEO TRANSMISSION (75Ω)

Optimized for high-definition signal transmission, these cables ensure stable video quality thanks to precisely controlled 75-ohm impedance. Their low insertion loss and excellent shielding provide accurate signal reproduction, making them ideal for professional audiovisual, broadcast, and video surveillance applications.



Part Number	Cable type	Temperature range	Minimum bend radius	Weight	Frequency range	Impedance	Jacket
HY28810FR	6 Gb Video	-40 °C ~ +80 °C	22,5 mm (stat) / 45 mm (dyn)	27,7 kg/km	DC ~ 6 GHz	75 Ohms	LSFH Ø 4,50 mm
HY51900FR	6 Gb Video	-40 °C ~ +80 °C	34 mm (stat) / 68 mm (dyn)	54 kg/km	DC ~ 6 GHz	75 Ohms	LSFH Ø 6,80 mm
HY72915FR	6 Gb Video	-40 °C ~ +80 °C	51,5 mm (stat) / 103 mm (dyn)	130 kg/km	DC ~ 6 GHz	75 Ohms	LSFH Ø 10,30 mm

TEST & MEASUREMENT

Developed to meet the demands of advanced measurement environments, these cables ensure stable transmission and high result repeatability. Their excellent phase and amplitude performance make them essential for test benches, laboratory instruments, and metrology applications where every variation matters.



Part Number	Temperature range	Bend radius (Static / Dynamic)	Weight	Frequency range	Impedance	External jacket
HY26AF	-55 °C ~ +125 °C	35 mm / 70 mm	145 kg/km	DC ~ 31 GHz	50 Ohms	PTFE fiber/braid Ø 7,00 mm
HY40AF	-55 °C ~ +125 °C	33 mm / 67 mm	125 kg/km	DC ~ 43 GHz	50 Ohms	PTFE fiber/braid Ø 6,70 mm
HY50AF	-55 °C ~ +125 °C	30 mm / 60 mm	55 kg/km	DC ~ 50 GHz	50 Ohms	PTFE fiber/braid Ø 6,10 mm
HY67AF	-55 °C ~ +125 °C	24 mm / 48 mm	33 kg/km	DC ~ 67 GHz	50 Ohms	PTFE fiber/braid Ø 4,80 mm
HY110AF	-55 °C ~ +125 °C	19 mm / 38 mm	26 kg/km	DC ~ 110 GHz	50 Ohms	PTFE fiber/braid Ø 3,85 mm

RAILWAY & TRANSPORTATION

Designed to withstand mechanical, thermal, and vibrational stresses, these cables are suitable for the demanding environments of the railway and transportation sectors. They comply with current standards (EN, NFPA, etc.) regarding safety, fire resistance, and electromagnetic compatibility, ensuring reliability and durability in both onboard and infrastructure systems.



Part Number	Temperature range	Minimum bend radius	Weight	Frequency range	Impedance	Jacket
HYLM195FRF	-40 °C ~ +85 °C	10 mm (stat) / 40 mm (dyn)	40 kg/km	DC ~ 8 GHz	50 Ohms	LSFH PE Ø 4,98 mm
HYLM240FRF	-40 °C ~ +85 °C	14 mm (stat) / 53 mm (dyn)	62 kg/km	DC ~ 6 GHz	50 Ohms	LSFH PE Ø 6,17 mm
HYLM400FRF	-40 °C ~ +85 °C	25 mm (stat) / 100 mm (dyn)	115 kg/km	DC ~ 6 GHz	50 Ohms	LSFH PE Ø 10,25 mm

AEROSPACE

Optimized for the specific demands of the aerospace sector, these cables combine light weight with resistance to high temperatures, vibration, and mechanical stress. They comply with industry standards (RTCA/DO-160, EN, AS) and ensure stable, reliable transmission in avionics, communication, and onboard monitoring systems.



Part Number	Temperature range	Minimum bend radius	Weight	Frequency range	Impedance	Shielding effectiveness	Jacket
HYLM200FRA	-40 °C ~ +80 °C	12,7 mm (stat) / 50,8 mm (dyn)	30 kg/km	DC ~ 6 GHz	50 Ohms	90 dB (min)	LSZH PE Ø 4,95 mm
HYLM240FRA	-40 °C ~ +80 °C	19,1 mm (stat) / 63,5 mm (dyn)	50 kg/km	DC ~ 6 GHz	50 Ohms	90 dB (min)	LSZH PE Ø 6,10 mm
HYLM400FRA	-40 °C ~ +80 °C	25,4 mm (stat) / 101,6 mm (dyn)	100 kg/km	DC ~ 6 GHz	50 Ohms	90 dB (min)	LSZH PE Ø 10,29 mm
HYLM500FRA	-40 °C ~ +80 °C	31,8 mm (stat) / 127,0 mm (dyn)	140 kg/km	DC ~ 6 GHz	50 Ohms	90 dB (min)	LSZH PE Ø 12,70 mm
HYLM600FRA	-40 °C ~ +80 °C	38,1 mm (stat) / 152,4 mm (dyn)	200 kg/km	DC ~ 6 GHz	50 Ohms	90 dB (min)	LSZH PE Ø 14,99 mm
HYLM900FRA	-40 °C ~ +80 °C	76,2 mm (stat) / 228,6 mm (dyn)	400 kg/km	DC ~ 6 GHz	50 Ohms	90 dB (min)	FRPE Ø 22,10 mm

CRYOGENIC & QUANTUM COMPUTING

Designed to maintain consistent electrical performance at temperatures below -200 °C, these cables are suitable for cryogenic environments. They offer high amplitude and phase stability, using materials selected for their resistance to thermal shock and reliability under extreme conditions, such as in scientific research or quantum sensor applications.



Part Number	Temperature range	Minimum bend radius	Frequency range	Impedance	Thermal conductivity	Outer Conductor
HY034CUNI	-40 °C ~ +100 °C	3,2 mm	DC ~ 154 GHz	50 Ohms +/- 2,5	9,80E-06 W*cm/K	Cupronickel tube Ø 0,86 mm
HY047CUNI	-40 °C ~ +100 °C	3,2 mm	DC ~ 108 GHz	50 Ohms +/- 2,5	1,74E-05 W*cm/K	Cupronickel tube Ø 1,19 mm
HY085CUNI	-40 °C ~ +100 °C	3,2 mm	DC ~ 61 GHz	50 Ohms +/- 1,5	6,30E-05 W*cm/K	Cupronickel tube Ø 2,19 mm
HY141CUNI	-40 °C ~ +100 °C	6,4 mm	DC ~ 34 GHz	50 Ohms +/- 1	1,35E-04 W*cm/K	Cupronickel tube Ø 3,58 mm

THERMAL VACUUM TEST CHAMBER

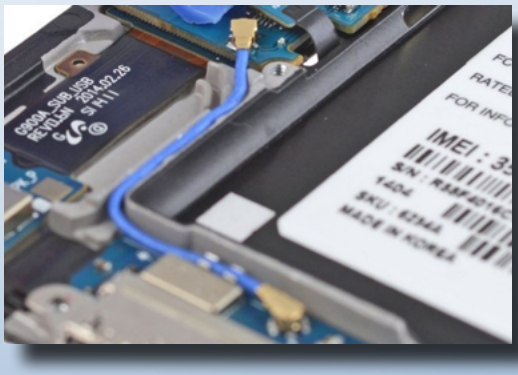
Designed for low-pressure environments, these cables maintain their electrical and mechanical performance under extreme conditions. Their low outgassing construction and compatibility with vacuum-rated materials ensure reliable and stable measurements in confined or space environments.



Part Number	Temperature range	Minimum bend radius	Weight	Frequency range	Impedance	Jacket
HY380TVAC	-55 °C ~ +150 °C	19 mm (stat) / 38 mm (dyn)	32 kg/km	DC ~ 40 GHz	50 Ohms	FEP Ø 4,98 mm
HY520TVAC	-55 °C ~ +150 °C	27 mm (stat) / 53 mm (dyn)	63 kg/km	DC ~ 26,5 GHz	50 Ohms	FEP Ø 5,30 mm
HY800TVAC	-55 °C ~ +150 °C	39 mm (stat) / 80 mm (dyn)	131 kg/km	DC ~ 18 GHz	50 Ohms	FEP Ø 7,80 mm

MINIATURE

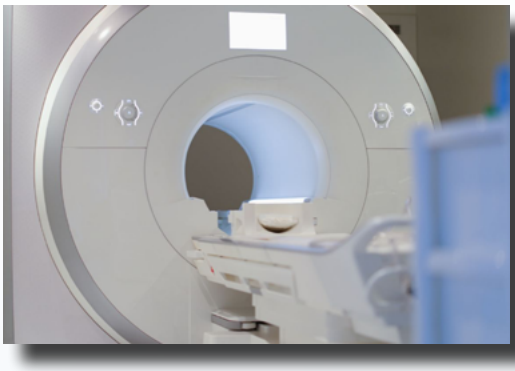
Designed for confined spaces, these cables offer an excellent balance between compactness and RF performance. They are ideal for board-to-board interconnections, embedded modules, or compact telecommunication devices.



Part Number	Temperature range	Minimum bend radius	Frequency range	Impedance	Jacke
HY081	-40 °C ~ +80 °C	4 mm	DC ~ 6 GHz	50 Ohms	PFA Ø 0,81 mm
HY113	-40 °C ~ +200 °C	5 mm	DC ~ 8 GHz	50 Ohms	FEP Ø 1,13 mm
HY113LL	-40 °C ~ +200 °C	5 mm	DC ~ 8 GHz	50 Ohms	FEP Ø 1,13 mm
HY132	-40 °C ~ +200 °C	6 mm	DC ~ 8 GHz	50 Ohms	FEP Ø 1,32 mm
HY132DT	-40 °C ~ +200 °C	6 mm	DC ~ 8 GHz	50 Ohms	FEP Ø 1,32 mm
HY137	-40 °C ~ +200 °C	6 mm	DC ~ 8 GHz	50 Ohms	FEP Ø 1,37 mm

NON-MAGNETIC

Manufactured with non-ferromagnetic materials, these cables preserve signal integrity in environments sensitive to magnetic fields. They are particularly suitable for applications in medical imaging (MRI), precision instrumentation, or scientific environments where even minimal magnetic interference can affect performance.



Part Number	Cable type	Temperature range	Minimum bend radius	Weight	Frequency range	Impedance	First shield	Jacket
HY178NM	Non magnetic flexible cable	-55 °C ~ +150 °C	7.5 mm (stat) / 15 mm (dyn)	8 kg/km	DC ~ 3 GHz	50 Ohms	SPC Ø 1,30 mm	FEP Ø 1,78 mm
HY316NM	Non magnetic flexible cable	-55 °C ~ +150 °C	12.5 mm (stat) / 25 mm (dyn)	17 kg/km	DC ~ 3 GHz	50 Ohms	SPC Ø 1,98 mm	FEP Ø 2,49 mm
HY316DTNM	Non magnetic flexible cable	-55 °C ~ +150 °C	15 mm (stat) / 30 mm (dyn)	27 kg/km	DC ~ 3 GHz	50 Ohms	SPC Ø 1,90 mm	FEP Ø 2,80 mm
HY405FORMNM	Non Magnetic .085" hand conformable	-65 °C ~ +150 °C	5.4 mm	16 kg/km	DC ~ 40 GHz (up to 65 GHz optional)	50 Ohms	TPC braid Ø 2,17 mm	Unjacketed
HY402FORMNM	Non magnetic .141" hand conformable	-65 °C ~ +150 °C	9.5 mm	41 kg/km	DC ~ 26.5 GHz	50 Ohms	TPC braid Ø 3,55 mm	Unjacketed
HY047NM	Non magnetic .047" semi-rigid	-40 °C ~ +100 °C	4.2 mm	6 kg/km	DC ~ 110 GHz	50 Ohms	SPC tube Ø 1,19 mm	Unjacketed
HY085NM	Non magnetic .085" semi-rigid	-40 °C ~ +125 °C	7.63 mm	20 kg/km	DC ~ 65 GHz	50 Ohms	SPC tube Ø 2,20 mm	Unjacketed
HY141NM	Non magnetic .141" semi-rigid	-40 °C ~ +125 °C	12.5 mm	46 kg/km	DC ~ 34 GHz	50 Ohms	SPC tube Ø 3,58 mm	Unjacketed
HY250NM	Non magnetic .250" semi-rigid	-40 °C ~ +90 °C	22.23 mm	140 kg/km	DC ~ 18 GHz	50 Ohms	SPC tube Ø 6,35 mm	Unjacketed

EMC & VERY HIGH POWER

These cables combine flexibility, mechanical strength, and enhanced electromagnetic compatibility. Their design allows them to withstand repeated stress while ensuring excellent EMC immunity and reliable high-power transmission.



Part Number	Temperature range	Minimum bend radius	Weight	Frequency range	Jacket
HY1160L	-55 °C ~ +125 °C	150 mm (stat)	1266 kg/km	DC ~ 1 GHz	TPU/Kevlar/TPU Ø 29,50 mm
HY280UF	-65 °C ~ +165 °C	25,4 mm (stat) / 50 mm (dyn)	120 kg/km	DC ~ 18 GHz	FEP Ø 7,74 mm
HY480UF	-65 °C ~ +150 °C	76 mm (stat) / 127 mm (dyn)	272 kg/km	DC ~ 11 GHz	FEP Ø 12,00 mm
HY490L	-55 °C ~ +200 °C	63,5 mm (stat) / 124,5 mm (dyn)	342 kg/km	DC ~ 10 GHz	FEP Ø 12,45 mm
HY570L	-55 °C ~ +155 °C	80 mm (stat) / 160 mm (dyn)	385 kg/km	DC ~ 6 GHz	LSHF PE Ø 16,00 mm
HY590L	-55 °C ~ +200 °C	75 mm (stat) / 150 mm (dyn)	432 kg/km	DC ~ 8 GHz	FEP Ø 15,00 mm
HY750UF	-65 °C ~ +135 °C	127 mm (stat) / 203 mm (dyn)	536 kg/km	DC ~ 6,5 GHz	Santoprene Ø 19,68 mm
HY1220	-55 °C ~ +200 °C	68,6 mm (stat) / 137,2 mm (dyn)	293,2 kg/km	DC ~ 10 GHz	FEP Ø 12,19 mm

MILITARY

Designed to withstand the most demanding operational environments, these cables ensure reliable signal transmission in communication, radar, and surveillance systems. Their mechanical robustness and resistance to shock, vibration, and thermal stress make them ideally suited to the stringent requirements of the defense sector.



HIGH-DENSITY MULTIPOINT

Optimized for complex configurations and multiple interconnections, these cables are custom-assembled (D38999 or equivalent) to meet requirements for reduced space, high RF performance, and mechanical robustness in embedded systems or high-density test benches.



**DO YOU NEED ADAPTERS FOR YOUR APPLICATION?
SEE EXAMPLES BELOW**

INTER-SERIES ADAPTERS

Inter-series adapters enable the connection of connectors from different interface types or series. They provide a reliable transition between two connector standards while maintaining the electrical and mechanical integrity of the RF signal path.



Part Number	Connector #1	Connector #2	Frequency bandwidth	Impedance	VSWR	Temperature range
HY0117D	APC-7	N male	DC - 18 GHz	50 Ohms	1,10:1	-55°C / +165°C
HY0117F	APC-7	N female	DC - 18 GHz	50 Ohms	1,10:1	-55°C / +165°C
HY0123D	APC-7	3,5mm male	DC - 18 GHz	50 Ohms	1,10:1	-55°C / +165°C
HY0123F	APC-7	3,5mm female	DC - 18 GHz	50 Ohms	1,10:1	-55°C / +165°C
HY03D11D	2,92mm male	2,4mm male	DC - 40 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY03D11F	2,92mm female	2,4mm male	DC - 40 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY03F11D	2,92mm male	2,4mm female	DC - 40 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY03F11F	2,92mm female	2,4mm female	DC - 40 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY03F11X	2,92mm female	2,4mm female	DC - 40 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY03D17D	N male	2,4mm male	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY03D17F	N female	2,4mm male	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY03F17D	N male	2,4mm female	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY03F17F	N female	2,4mm female	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY03D23D	3,5mm male	2,4mm male	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY03D23F	3,5mm female	2,4mm male	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY03F23D	3,5mm male	2,4mm female	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY03F23F	3,5mm female	2,4mm female	DC - 33 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY11D17D	N male	2,92mm male	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY11D17F	N female	2,92mm male	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY11F17D	N male	2,92mm female	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY11F17F	N female	2,92mm female	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY11D23D	3,5mm male	2,92mm male	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY11D23F	3,5mm female	2,92mm male	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY11F23D	3,5mm male	2,92mm female	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY11F23F	3,5mm female	2,92mm female	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY11F23X	3,5mm female	2,92mm female	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY17F19T	N female bulkhead	SMA female	DC - 18 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY17D23D	N male	3,5mm male	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY17D23F	N male	3,5mm female	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY17F23D	N female	3,5mm male	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY17F23F	N female	3,5mm female	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY17D24D	N male	TNC male	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY17D24F	N male	TNC female	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY17F24D	N female	TNC male	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C

Part Number	Connector #1	Connector #2	Frequency bandwidth	Impedance	VSWR	Temperature range
HY17F24F	N female	TNC female	DC - 18 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY19D24F	MA male	TNC female	DC - 18GHz	50 Ohms	1,30:1	-55°C / +165°C
HY21D23D	3,5mm male	SMA male	DC - 27 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY21D23F	3,5mm female	SMA male	DC - 27 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY21F23D	3,5mm male	SMA female	DC - 27 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY21F23F	3,5mm female	SMA female	DC - 27 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY22D22D	1,85mm male	1,85mm male	DC - 65 GHz	50 Ohms	1,30:1	-55°C / +165°C
HY22D23D	3,5mm male	1,85mm male	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY22D23F	3,5mm female	1,85mm male	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY22F22F	1,85mm female	1,85mm female	DC - 65 GHz	50 Ohms	1,30:1	-55°C / +165°C
HY22F23D	3,5mm male	1,85mm female	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C
HY22F23F	3,5mm female	1,85mm female	DC - 33 GHz	50 Ohms	1,15:1	-55°C / +165°C

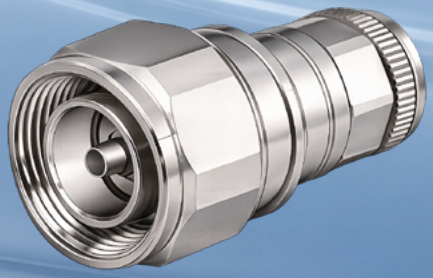
IN-SERIES ADAPTERS

In-series adapters are designed to connect two connectors of the same series. They are commonly used to extend, reconfigure, or facilitate existing connections while preserving the original interface characteristics and ensuring optimal signal continuity.



Part Number	Connector #1	Connector #2	Frequency bandwidth	Impedance	VSWR	Temperature range
HY03D03D	2,4mm male	2,4mm male	DC - 50 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY03D03F	2,4mm female	2,4mm male	DC - 50 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY03F03F	2,4mm female	2,4mm female	DC - 50 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY11C11F	2,92mm male	2,92 mm female	DC - 40 GHz	50 Ohms	1,25:1	-55°C / +165°C
HY11D11D	2,92mm male	2,92mm male	DC - 40 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY11F11F	2,92mm female	2,92mm female	DC - 40 GHz	50 Ohms	1,20:1	-55°C / +165°C
HY17C17F	N male	N female	DC - 18 GHz	50 Ohms	1,25:1	-55°C / +165°C
HY17F17T	N female	N female	DC - 18GHz	50 Ohms	1,20:1	-55°C / +165°C
HY17F17X	N female	N female	DC - 18GHz	50 Ohms	1,20:1	-55°C / +165°C
HY21D21D	SMA male	SMA male	DC - 26,5GHz	50 Ohms	1,20:1	-55°C / +165°C
HY21D21T	SMA male	SMA female bulkhead	DC - 26,5GHz	50 Ohms	1,15:1	-55°C / +165°C
HY21F21X	SMA female	SMA female	DC - 26,5GHz	50 Ohms	1,20:1	-55°C / +165°C

CONTACT US FOR MORE INFORMATION!





TOOLS, OPTIONS AND ACCESSORIES : HYTEM EXPERTISE AT THE SERVICE OF YOUR RF LINKS

To ensure the reliability, durability, and precision of your radio frequency and microwave installations, HYTEM provides a comprehensive range of specialized tooling, protective components, and tailored services. Whether for field assembly, precision bending or optimizing cabling performance in demanding environments (laboratories, critical infrastructure, embedded systems), discover our full suite of complementary solutions.

ASSEMBLY TOOLS

Designed to meet the highest standards of quality and performance, our tools ensure optimal connection for all your RF and microwave applications.

• ***Crimping tools***
Essential for making secure and durable connections. Manufactured with high-quality materials, our crimping pliers withstand intensive use while delivering maximum reliability.



• ***Torque wrenches***
Specially designed for assembling various connectors. Each wrench is carefully preconfigured with a precise torque setting, ensuring consistent, repeatable, and compliant assembly.



• ***Semi-rigid forming tools***
High precision bending tools designed to help you bend, twist, or form your semi-rigid cables. They ensure precise, consistent bending without compromising cable performance.



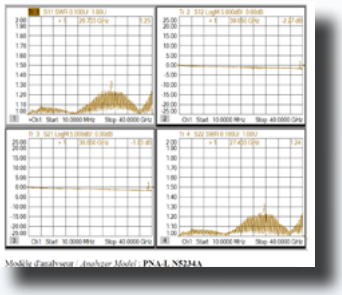
• ***Stripping tools***
State-of-the-art, high performance, and versatile stripping tools designed to simplify and speed up your wire and cable preparation operations. Their ergonomic design ensures a comfortable grip for prolonged use without fatigue.



TECHNICAL OPTIONS AND CUSTOM SERVICES

Designed to meet the highest standards of quality and performance, our tools ensure optimal connection for all your RF and microwave applications.
Maximize signal precision and synchronization with our laboratory measurement and tuning services.

• ***Measurement (S-parameter)***
S-parameter data available on request, measured and characterized for your specific frequency band.



• ***Phase matching***
Phase-matched cable assemblies manufactured according to your exact specifications.



• ***Linear delay***
Delay measured and adjusted to your requirements to control the timing and synchronization of your RF signals.



INTEGRATION AND PROTECTION ACCESSORIES

Optimize the technical integration, durability, and electromagnetic compatibility (EMC) of your cable assemblies.

• ***Protective sheaths and sleeves***
Plastic or metal sheaths designed to safeguard your RF cables against mechanical stress and extreme environmental conditions.



• ***Marking and identification***
Labeling solutions (heat-shrink or self-wrapping) for clear, legible and lasting cable identification.



• ***Plastic Caps***
Plastic caps designed to protect external threads, tubes, and exposed surfaces from dust, moisture, and mechanical damage during storage, transportation, and assembly. Available in a wide range of sizes, they provide a practical and cost-effective protection solution.



• ***interface protective caps***
Effective protection against dust and environmental hazards for your unused connectors.



• ***Ferrites***
High-performance components designed to reduce RF interference and optimize EMC within your systems.



HYTEM
Microwave Systems

Let’s discuss your project

Address
2 route de bois fourgon
91580 Villeconin FRANCE

Email
hytem@hytem.net

Phone
+33 1 60 80 59 00

Website
www.hytem.net