



NEX10[®]

Miniature Low PIM RF Coax Connector System

- » Space saving miniaturized interconnection
- » Excellent Passive Intermodulation
- » Quick lock & Screw coupling
- » Superior RF performance



NEX10[®] CONNECTOR

Miniature Low PIM RF Coax Connector System

The NEX10[®] is a new small coaxial connector system, offering low PIM and ruggedized design in a compact size, to meet the upcoming space reduction requirements of small cells. As the telecommunications industry moves towards the small cell approach, the radio and antenna become smaller and ask for a small sized, high performing coaxial RF connector.



Product features

- » Small size of 12.7 mm flange height
- » Robust design for outdoor use
- » Low PIM, independent of applied torque
- » One interface but two coupling mechanism
 - Screw and Quick lock coupling
- » Cable connectors for up to 1/2" corrugated cables are available
 - 1/4" corrugated cables are the perfect fit

Characteristics

- » Impedance: 50Ω
- » Excellent RF performance up to 20 GHz
- » Superior passive intermodulation values
 - better than -166dBc
- » Return loss: ≥ 36dB up to 4 GHz
- » Power rating typ. 250W @ 2 GHz @ 25°C
- » IP 68 watertight solution



APPLICATIONS

- » Small Cell and MIMO
- » Distributed Antenna Systems (DAS) / In-building antennas
- » Antennas, radios and filter output
- » Applications requiring PIM stability in a compact size
- » Multi coax / Blind mate applications



Product portfolio

	Picture	Part number (P/N)	Cable type	Description	Packaging	Plating
Cable types		5553.NEX.1410.075	Flexiform 141	Straight Cable Plug Screw	Bulk packaging	5 = White bronze
		5562.NEX.1410.085	1/4" corrugated cable	Straight Cable Plug Screw	Bulk packaging	5 = White bronze
		5552.NEX.1410.075	Flexiform 141	Straight Cable Plug Quick lock	Bulk packaging	5 = White bronze
Flange types		5550.NEX.2018.195	–	Straight 4-hole Flange Jack	Tray packaging	5 = White bronze
Adapters		5554.NEX.8910.005	–	Measuring Adapter Cat. 2 male	Bulk packaging	5 = White bronze
		5555.NEX.8910.005	–	Measuring Adapter Cat. 2 female	Bulk packaging	5 = White bronze



EUROPE

IMS Connector Systems GmbH
Obere Hauptstraße 30
DE-79843 Löffingen

Phone +49 (0) 7654 901-100
Fax +49 (0) 7654 901-199
sales@imscs.com

AMERICAS

IMS Connector Systems Inc
4195 Valley Fair Street
Suite 206
US-Simi Valley, CA 93063

Phone +1 (0) 805 422-8044
salesusa@imscs.com

APAC

IMS Connector Systems Ltd
No 35, Huo Ju Road
SND Science & Technology Park
CN-Suzhou 215011

Phone +86 (0) 512 6808-1816
Fax +86 (0) 512 6825-2388
sales@imscscn.com

IMS CONNECTOR SYSTEMS

HEADQUARTERS, GERMANY
IMS Connector Systems GmbH
Obere Hauptstraße 30
DE-79843 Löffingen

Phone +49 (0) 7654 901-100
Fax +49 (0) 7654 901-199

sales@imscs.com
www.imscs.com

More product information:
www.imscs.com
>> Markets >> Communication

