

## MICRODOT EQUIVALENT CONNECTORS

*Quality connectors are completely interchangeable with MicroDot type connectors.*

All connectors are 10-32 (UNF) Thread type Microdot Connectors. This thread type is used worldwide for various NDT transducers.

### Single-Pin Connectors:



KY-017-7 pcs Type	KY-017-3 pcs Type
	

KY-016 Mini-Microdot Connector			
			

# NDT Supply.com, Inc.

7952 Nieman Road  
Lenexa, KS 66214-1560 USA



## Multi-Pin Microdot Connectors:



### Electrical Specifications:

Impedance	50Ω
Frequency range	0~12.4GHz
Working Voltage	335V max
Withstand Voltage	1000V rms
VSWR Straight	≤ 1.1
Right Angle	≤ 1.2
Contact resistance	
- center contact	≤3mΩ
- outer contact	≤2mΩ
Insulation resistance	≥5000MΩ
Temperature range	-55°C~+155°C
Durability (mattings)	>500 cycles

### Material and Plating Specifications:

Body	Brass with gold plated
Center conductor	Beryllium brass with gold plated
Crimping suite	Copper alloy with gold plated
O-ring sealing	Silicone rubber
Insulator	PTFE

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## Additional Ordering Notes:

- Connectors are supplied with either black or red strain relief. (Please specify)
- Assembly drawings available upon request

P/N	Description
UT-KY-016-Mini	Mini-Microdot cable end for RG-178, 7 pcs.
UT-KY-017-7	Microdot cable end for RG-174, 7 pcs.
UT-KY-017-3	Microdot cable end for RG-174, 3 pcs.
UT-KY-018	Right Angle Microdot cable end for RG-174
UT-KY-025C	Microdot Female cable end for RG-174
UT-KY-025-PMC	Microdot Female panel mount for RG-174
UT-KY-025	Panel or Probe Female Microdot, long body
UT-KY-025-CM	Panel or Probe Female Microdot, short body
UT-KY-026	Thread type Female Microdot for probe
UT-KY-016-Mini-F	Mini-Microdot Female for probe
UT-KY-4P-M	4-pin Plug for cable
UT-KY-4P-S	2-Pin Socket Probe
UT-KY-2P-M	4-pin Plug for cable
UT-KY-2P-S	2-Pin Socket Probe