



## Model CT4453-100

BNC to Retractable Sheathed Stacking Banana Plug, Cable Assembly



### Overview:

Although the molded double plug (MDP) is a classic design, their usage in test and measurement is universal and timeless. They are usable with most all major pieces of test equipment such as Power Supplies, Loads, DMMs, and Function Generators, to name just a few.

Molded of durable, flame-retardant Polypropylene (PP), the ergonomic MDP body is easy to handle and connect. The CT4453 uses RG58C/U, 50  $\Omega$  coaxial cable.

### Specifications:

Model	CT4453-xxx
(-xxx)	-100

<b>ELECTRICAL</b>	
Impedance	Non-Constant
Voltage (Handheld)	30 Vrms / 60 V dc
Voltage (Hands Free)	500 Vrms
Current, Max.	3 A
<b>ENVIRONMENTAL</b>	
Operating Temp./Humidity	0 °C to +50 °C / 25% to 85% RH
Altitude	2,000 m
Pollution Degree	2
<b>SAFETY</b>	
UL/TUV/CSA	N/A
CE:	
LVD	Not required
RoHS 2	Compliant
UKCA	Compliant
<b>MECHANICAL</b>	
Length ±Tolerance (as noted on product drawing)	100 ±1.5 cm
Cable	RG-58C/U
Jack	PVC, Black
Jacket O.D.	4.95 ±0.05 mm
Dielectric	Polyethylene (PE)
Shield	Tinned Copper Braid (1 layer)

Center Conductor	22 AWG (19/34) Stranded Tinned Copper
Impedance	50 $\Omega$
Bend Radius:	
Repeated Min.	49.8 mm
One-time Min.	25 mm
<b>MATERIAL/PLATING</b>	
MDP:	
Banana Plug Bodies	Brass, Nickel Plated
Banana Contact Springs	BeCu, Nickel Plated
Insulation	Polypropylene (PP), Black
BNC Male Connector:	
Body & Coupling Nut	Brass, Nickel Plated
Dielectric	PTFE
Center Contact	Brass, Gold Plated
Molded Boot	PVC, Black
<b>MISCELLANEOUS</b>	
Warranty Period	1 years
Country of Origin	Taiwan
Harmonized Code:	
HTS	8536.69.4010
Schedule B	8536.69.4010
ECCN	EAR99