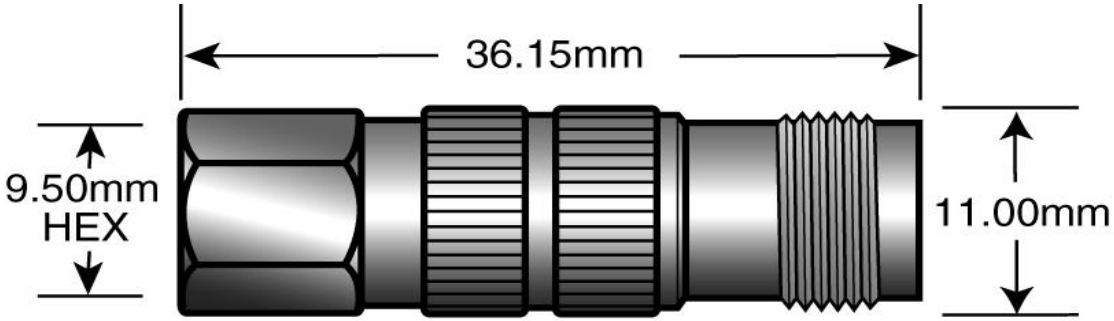
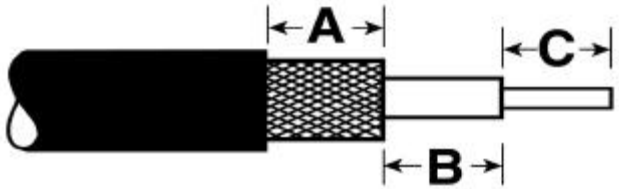
Basic Material

Item	Material	Plating
BODY	Brass	Nickel
PIN	Brass	Gold
INSULATOR	Delrin	-





A	6mm
B	0mm
C	12mm

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Checked by:		TNC Twist-on jack for RG58 type cable		
Approved by:				
Date:	09.12.98	Part No:	TOTNC30-58	

Electrical

Impedence	50 OHMS standard, 75 OHMS where indicated
Frequency	50 OHMS - DC to 4GHZ 75 OHMS - DC to 1GHZ
Insulation resistance	5000M OHMS min.
Inner contact resistance	1.5 m OHMS max.
Outer contact resistance	0.5 m OHMS max.
Working voltage	500V RMS max.
Dielectric withstanding voltage	1500V RMS max.
VSWR	1.35 : 1 max. (cable fixing connectors only)
Insertion loss	0.2dB max. @ 3GHZ
RF leakage	-55dB man. @ 3GHZ

Mechanical & Environmental

Cable retention	Equal to breaking strain of cable (cable fixing connectors only)
Durability	500 mating minimum
Temperature range	-55°C to +85°C

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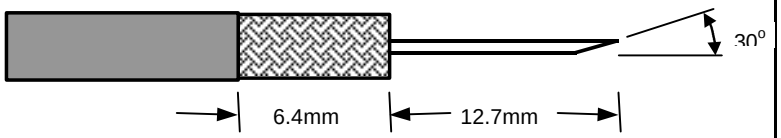
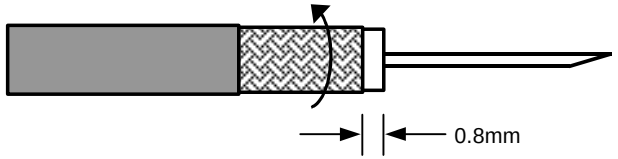
Assembly Instructions

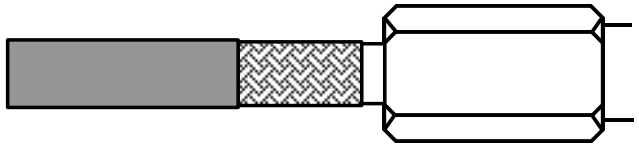
1) TRIM CABLE AS SHOWN, CUTTING CENTRE CONDUCTOR AT APPROX. 30 DEGREES. TAKE CARE NOT TO NICK THE CENTRE CONDUCTOR OR BRAID. CUTTING CENTRE AT 30 DEGREES FACILITATES EASY ENTRY OF THE CONDUCTOR INTO THE CONNECTOR.



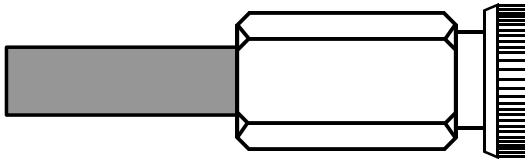
2) TWIST THE BRAID IN A CLOCKWISE DIRECTION SO THAT A MINIMUM OF 1/32" (0.8MM) INNER DIELECTRIC IS BARED. BE CERTAIN TO AVOID LOOSE OR STRAY STRANDS THAT COULD CAUSE SHORTS.



3) INSERT THE CENTRE CONDUCTOR INTO THE GUIDE HOLE IN THE REAR INSULATOR OF THE CONNECTOR.



4) NOW FIRMLY PUSH THE CABLE AS FAR FORWARD AS POSSIBLE & SCREW THE CONNECTOR HEX BACK END ONTO THE CABLE IN A CLOCKWISE DIRECTION UNTIL IT STOPS.



Stripping tool part No: VX1207

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