



**UL VERIFY 【AWM1979】 105℃ 30V**

**MIL-C-17 FEP TEFLON** 軍規級鐵氟龍高頻同軸線

## 產品說明 PRODUCT DESCRIPTION

- \* 鍍銀銅/鍍銀銅包鋼絞線 Silver-Coated Copper **or** Silver-Coated Copper Clad Steel
- \* 聚全氟乙烯丙烯絕緣 Teflon FEP Insulation
- \* 鍍銀銅編織隔離 Silver-Coated Copper Braided (Single/Double Lylar)
- \* 聚全氟乙烯丙烯披覆 Teflon FEP Sheath
- \* 額定電壓 30V/AC Rated Voltage 30V/AC
- \* 工作溫度 -55℃ ~200℃ Operating Temperature -55℃ ~200℃
- \* 遵循規範 UL 758 Norm. Appliance Wiring Material UL 758 .



**TAYUKABEL®**

## MIL-C-17 (MIL-DTL-17) 【軍規級同軸通信電纜】

| STYLE                      | 導體材質/結構                              | 絕緣材質與外徑                  | 遮蔽率                       | 披覆材質與外徑       | 特性阻抗      |
|----------------------------|--------------------------------------|--------------------------|---------------------------|---------------|-----------|
| RG SERIES                  | STRUCTURE                            | ML/ID                    | COVERAGE                  | ML/OD         | IMPEDANCE |
| RG-316/U                   | Silver-Coated Copper<br>26AWG (34/7) | FEP Teflon,<br>ID:1.53mm | 95%<br>SCC Braid          | 2.53mm ± 0.10 | 50 Ohm    |
| RG-316/U<br>(Double Braid) | Silver-Coated Copper<br>26AWG (34/7) | FEP Teflon,<br>ID:1.53mm | 95%*2<br>SCC Double Braid | 2.90mm ± 0.10 | 50 Ohm    |
| RG-179/U                   | Silver-Coated Copper<br>30AWG (38/7) | FEP Teflon,<br>ID:1.58mm | 95%<br>SCC Braid          | 2.54mm ± 0.10 | 75 Ohm    |
| RG-179/U<br>(Double Braid) | Silver-Coated Copper<br>30AWG (38/7) | FEP Teflon,<br>ID:1.58mm | 95%*2<br>SCC Double Braid | 2.98mm ± 0.10 | 75 Ohm    |

## MIL-C-17 (MIL-DTL-17) 【RG 178 & Mini 178 軍規級同軸通信電纜】

| STYLE                      | 導體材質/結構                              | 絕緣材質與外徑                  | 遮蔽率                                                            | 披覆材質與外徑       | 特性阻抗      |
|----------------------------|--------------------------------------|--------------------------|----------------------------------------------------------------|---------------|-----------|
| RG SERIES                  | STRUCTURE                            | ML/ID                    | COVERAGE                                                       | ML/OD         | IMPEDANCE |
| RG-178B/U                  | Silver-Coated Copper<br>30AWG (38/7) | FEP Teflon,<br>ID:0.86mm | 95%<br>SCC Braid                                               | 1.80mm ± 0.08 | 50 Ohm    |
| Mini-178<br>1.37mm(50 ohm) | Silver-Coated Copper<br>30AWG (38/7) | FEP Teflon,<br>ID:0.92mm | 95%<br>SCC Braid                                               | 1.37mm ± 0.05 | 50 Ohm    |
| Mini-178<br>1.37mm(75 ohm) | Silver-Coated Copper<br>30AWG (38/7) | FEP Teflon,<br>ID:0.98mm | 95%<br>TC Braid                                                | 1.37mm ± 0.05 | 75 Ohm    |
| Mini-178<br>1.32mm(50 ohm) | Silver-Coated Copper<br>32AWG (40/7) | FEP Teflon,<br>ID:0.68mm | 1 <sup>st</sup> SCC Braid 91%<br>2 <sup>nd</sup> SCC Braid 80% | 1.32mm ± 0.05 | 50 Ohm    |
| Mini-178<br>1.32mm(50 ohm) | Silver-Coated Copper<br>32AWG (40/7) | FEP Teflon,<br>ID:0.68mm | 1 <sup>st</sup> TC Braid 91%<br>2 <sup>nd</sup> TC Braid 80%   | 1.32mm ± 0.05 | 50 Ohm    |
| Mini-178<br>1.13mm(50 ohm) | Silver-Coated Copper<br>32AWG (40/7) | FEP Teflon,<br>ID:0.68mm | 95%<br>SCC Braid                                               | 1.13mm ± 0.05 | 50 Ohm    |
| Mini-178<br>1.13mm(50 ohm) | Silver-Coated Copper<br>32AWG (40/7) | FEP Teflon,<br>ID:0.68mm | 95%<br>TC Braid                                                | 1.13mm ± 0.05 | 50 Ohm    |