



tasker® Code	Cond. number	Nominal section mm ²	Cond. Format. mm.	External Core Ø mm.	External Cable Ø mm.	Reel or Spool		
						mt.	Type	Kg.
RG 316 U	1	26 AWG (0,16 mm ²)	7x0,17	1,53	2,53	100	B	

Characteristics:

Conductor: Silver-Coated Copper
Clad Steel
Insulation: FEP (Fluorinated Ethilene
Propylene)
Shield: Braided covering 95%
O.F.C. Silver-Coated Copper
Sheath: Flame Retardant UL –VW 1
FEP (Fluorinated Ethilene
Propylene) - 60° / + 200° C.
Sheath colour: Dark Transparent

Product Description

Extra-flexible mini-coax cable with impedance of 50 Ω MIL C17 – M17/113 standard.

This cable is suitable to **SMA** (Sub Miniature version A) and **SMB** (Sub Miniature version B) and other miniature connectors like for example: **mini-BNC e MCX**.

Specially this cable is ideal for the realization of **patch-cables** connecting digital videocameras for the control of working process in industrial automation lines or for the connection of audio and video and electronic cards inside and outside the apparatus and instrumentation for fixed and mobile lay.

Suitable also for the connection of antennas and for cable assembly: WLAN, GPS, Mobile phone, Car phone, Automotive, Network access device, Lighting equipment, Broadcast equipment, Hands-free voice controlled device, Security equipment etc.

The outer diameter of only **mm. 2,53**, the **insulation in FEP** (Fluorinated Ethilene Propylene) and the particular multiwire conductor in **Silver Coated Copper Clad Steel** confer this cable features of extreme flexibility, high resistance to chemical contamination: oils, fat, fuels, but mostly suitable in operative temperature range of: **-60°/+200°C**.

tasker® cable **RG 316 U FEP** is a mini-coaxial with marked attitudes to industrial use and conforming to the 'Flame Retardant' – UL VW1 test.



Connectors:

50 Ω SMA, SMB, MCX, Mini-BNC

Conductor Resistance	Nominal delay	Capacity Core/shield			
Ω/Km ± 5%	ns/m.	pF/mt			
300	4,8	96			
Velocity of propagation %	Impedance	Operative Temperature °C			
69	50	-60 / +200			
Attenuation db/10mt					
10 MHz	100 MHz	1,8 GHz	2,4 GHz	5,2 GHz	6,0 GHz
1,0	3,4	18,0	20,6	31,5	34,5

Descrizione Prodotto

Cavo mini-coax extra flessibile con impedenza di 50 Ω a Norme MIL C17 – M17/113.

Questo cavo è adatto ai connettori **SMA** (Sub Miniature version A) e **SMB** (Sub Miniature version B) ed altri connettori miniature come per esempio: **mini-BNC e MCX**.

In particolare il cavo è ideale per la realizzazione di **patch-cables** di collegamento di videocamere digitali per il controllo dei processi di lavorazione nelle linee di automazione industriale oppure per la connessione di schede audio e video ed elettroniche all'interno ed all'esterno di apparati e strumentazione sia per la posa fissa che per la posa mobile.

Per la connessione di antenne e per cablaggi: WLAN, GPS, Mobile phone, Car phone, Automotive, Network access device, Lighting equipment, Broadcast equipment, Hands-free voice controlled device, Security equipment ecc. Il diametro esterno di soli **mm. 2,53**, gli **isolamenti in FEP** (Fluorinated Ethilene Propylene) ed il particolare conduttore multifilare in **lega di acciaio e rame argentato** conferiscono a questo cavo caratteristiche di estrema flessibilità, elevata resistenza alla trazione ed agli attriti, buona resistenza agli aggressivi chimici: olii, grassi, benzine, ma soprattutto lo rendono adatto ad applicazioni in temperatura con un range operativo di: **-60°/+200°C**.

Il cavo **tasker®** **RG 316 U FEP** è un mini-coassiale con spiccate attitudini all'uso industriale ed è conforme al test: 'Flame Retardant' – UL VW1.

Applications:



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