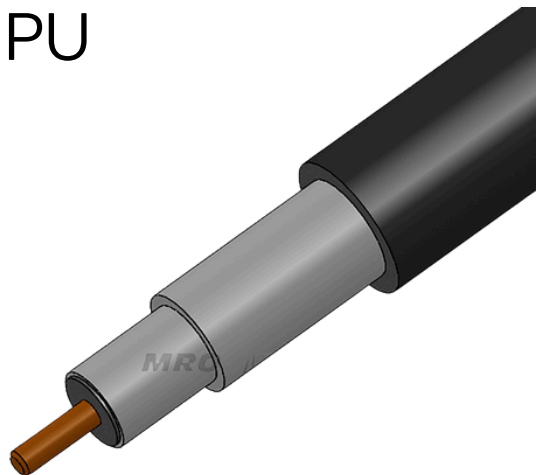


FLL195PU



Feature	Specification
Part number	FLL195PU
Cable type	Flexible low-loss coaxial cable, 50 Ω , dual-shield, polyurethane jacket
Conductors / pairs	Single solid copper center conductor (coaxial design) 0.94 mm diameter
Insulation / Dielectric	Foam polyethylene dielectric
Shielding	Dual shield: bonded aluminum foil + tinned copper braid
Jacket material	Black polyurethane outer jacket (matte finish) 4.95 mm
Temperature rating / Operating temp. range	-40 °C to +85 °C
Velocity factor (propagation velocity)	80%
Capacitance	25.4 pF/ft
Minimum bend radius	25 mm
Shielding effectiveness	> 90 dB
Cutoff frequency	~41 GHz
Typical applications	RF jumper assemblies, antenna feedlines, mobile/wireless communications, GPS/WLAN/WiFi installations, outdoor and rugged-
Key advantages	Durable polyurethane jacket suitable for harsh environments; dual-shield for strong RF isolation; solid conductor and foam dielectric for stable, low-loss signal; moderate size facilitates routing and installation; good cold-weather performance and resistance to water, chemicals, UV, and mechanical stress.



REV NO.	DESCRIPTION	DRN	DATE
			Dec 2025

PART NO:		FLL195PU	
DRAWING NO/REV#:		001	
DESCRIPTION:			
Low loss RF Coaxial Cable, 50 ohms, up to 41 GHz			
REVISION	SIZE	SHEET	NO. 1 OF 1
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