SHF Cable Range

Stranded Inner Conductor Cable



Using stranded center conductor allow better flexibility while keeping good IL performance level.

Longer flex life
SHF3, SHF5, SHF8

Ultra Flexible Cable



Unique design of center conductor as well as braiding and jacketing provide a unique flexibility behavior to SHF UF.

Low bending moment
Up to 1 million flexures
SHF2.2UF, SHF3UF, SHF5UF

Heavy Duty Protective Jacket



Projack provides the highest mechanical protection to SHF cables. Despite this high protection level, Projack maintains the same level of flexibility as the original cable.

Crush resistant 2500N/10cm
UV resistant
Watertightness

A/10 Armored Cable



In many customer applications, mechanical stress may damage cable assemblies. Radiall has designed several levels of armored structures embedding SHF core lines.

Crush resistant
1000N/10cm
Abrasion resistant
SHF5MA/10, SHF8MA/10

OD Outdoor Cable



Designed for outdoor environments, Radiall's outdoor cables are typically used for Ground Radars and Navy systems.

UV resistant
Watertightness
SHF50D, SHF5MOD
SHF80D, SHF8MOD

LW-2 Light Weight Cable



Radiall's Lightweight range is the best choice for on-board equipment, where weight and density are critical.

30% weight saving
SHF5MLW-2, SHF8MLW-2

AF-2 Air Frame Cable



SHF AirFrame cables: Robustness for extended life in extreme condition. Radiall's AirFrame cables are used in non-pressurized or not-protected areas.

Hermetically sealed
15 Km (50,000 ft) - 150°C
Fluid resistant
SHF5MAF-2, SHF8MAF-2