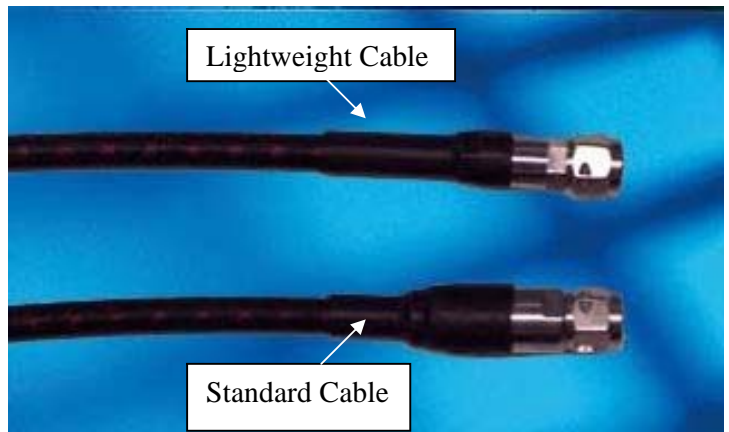


COBHAM Lightweight Cable Assemblies

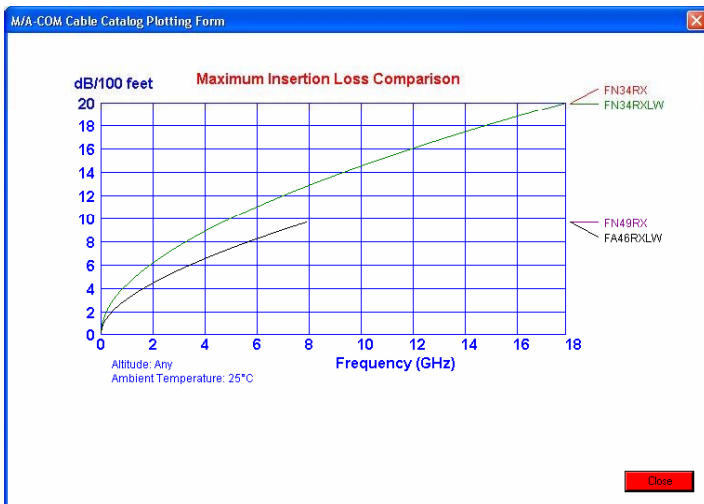
● **Have less than 70% of the mass of traditional assemblies:**

- ❖ No change in VSWR or Insertion Loss specifications.
- ❖ Uses proven construction for cable and connectors.
- ❖ Available with FN34RXLW cable for lowest loss operation up to 18 GHz in harsh environments.
- ❖ Several Outer Diameters are offered in various jacket materials for a multitude of applications (see Table on reverse side).
- ❖ All common connector interfaces (SMA, ETNC, N, etc.) available in straight or angled configurations with reduced volume and weight.



● **Qualified:**

- ❖ Request your copy of COBHAM's Engineering Test and Evaluation report.



Light Weight Assemblies (70%, or less, traditional assembly weight)

Example: 10 foot assembly with ETNC m NR Connectors

	Cable (lbs)	Connectors (lbs)	Assembly (lbs)	Weight Savings
FN34RX	1.01	0.20	1.21	Reference
FN34RXLW	0.71	0.11	0.82	32%

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COBHAM Lightweight Cable Assemblies

Comparison of Traditional and Lightweight Cables

Application Codes	Traditional Cable	Weight (lb/ft)	Light Weight Cable	Weight (lb/ft)	Savings (%)
LL, CA, G, S	FA20RX	0.0389	FA20RXLW	0.0267	31.4
LL, CA, G, S	FA29RX	0.093	FA31RXLW	0.0645	30.6
LL	FN34RX	0.101	FN34RXLW	0.0714	29.3
LL, CA, G, S	FA46RX	0.201	FA46RXLW	0.149	25.9
LL	FN49RX	0.218	FN49RXLW	0.164	24.8
LL	FN52RL	0.239	FN52RLLW	0.178	25.5

Codes: LL -- Low Loss for demanding applications such as airborne Electronic Warfare or Launch Vehicles;
CA -- Commercial Aviation; G -- General Purpose; S -- Space/Satellites

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