

**CHART FOR SECTION B
WIRE-ROPE CABLE INTERMEDIATE RAIL PASS-THROUGH
RESISTANCE TO 4" SPHERE**

CABLE DIAMETER	CTR-TO-CTR SPACING ON END POST	ANCHOR (END POST) SPACING	CABLE SUPPORT SPACING	CABLE SPREAD WITH 4" SPHERE LOAD APPLIED AS REQUIRED BY 2003 IBC CODE 1012.3
1/8"	3.10"	50 Ft.	42"	3.474"
3/16"	3.10"	50 Ft.	42"	3.439"
3/16"	3.25"	50 Ft.	42"	3.699"
1/4"	3.10"	50 Ft.	42"	3.405"
1/4"	3.36"	50 Ft.	42"	3.880"
5/16"	3.10"	50 Ft.	42"	3.368"
5/16"	3.25"	50 Ft.	42"	3.567"
5/16"	3.36"	50 Ft.	42"	3.735"
3/8"	3.10"	50 Ft.	42"	3.328"
3/8"	3.25"	50 Ft.	42"	3.513"
3/8"	3.36"	50 Ft.	42"	3.659"

PREPARED BY THE CABLE CONNECTION TO SUMMARIZE CALCULATIONS IN SECTION B, WIRE-ROPE CABLE PASS-THROUGH RESISTANCE TO 4" SPHERE. CALCULATIONS BASED ON 400 LBS. OF TENSION ON EACH CABLE.

For engineering calculations on a particular diameter cable, please direct your request to:

Customer Service
Ultra-tec® Cable Railing Systems
800-851-2961
E-mail to: info@ultra-tec.com

