OSP Fiber Cable Temperature Guidelines

OSP FIBER CABLE NORMAL TEMPERATURE RANGES[1]	Outdoor Cable		Indoor/Outdoor Cable	
	°C	°F	°C	°F
Operation	-40 to +70	-40 to +158	-40 to +70	-40 to +158
Storage/Shipping	-40 to +70	-40 to +158	-40 to +70	-40 to +158
Installation[2]	-30 to +60	-22 to +140	-10 to +60	+14 to +140

[1]These temperature guidelines are applicable to traditional OSP fiber designs manufactured to Telcordia, ICEA and RUS standards. These guidelines are provided for convenience purposes only and do not replace or overrule individual cable performance specifications.

[2]Cables stored/shipped at temperatures outside the allowable installation temperature range must be conditioned prior to installation. Conditioning will also improve the handling characteristics of cables within, but at the low end of the allowable range. Results of the conditioning will be determined by the duration and temperature of the conditioning as well as the initial temperature and amount of cable being conditioned. As a general guideline, begin with a minimum of 24 hours at or above 18°C (65°F) and increase the duration and/or temperature as needed to obtain the desired handling characteristics.