



Application Guide

WHAT IS CABLE PACKAGING AND TRANSPORTATION REQUIREMENTS

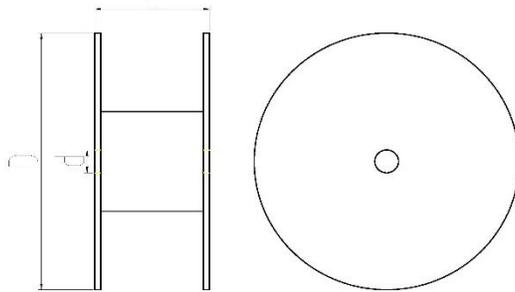
Jessica Tang | Chief Engineer | December 14, 2015

What is standard cable package?

Cables undergo packaging and shipping from the factory which completes the final inspection. Improper packaging will damage the cables. So standard and appropriate packaging is required.

Cable packaging usually uses plywood reels, with each reel of 500 meters (m), 1000m, 5000m, and so on, as the specific length depends on the needs of customers. Individual customers have asked for cable package delivery in rolls, as cable roll packing are generally only suitable for shorter cable diameters and cable lengths. For larger diameters or longer length, cables should be packaged with reels.

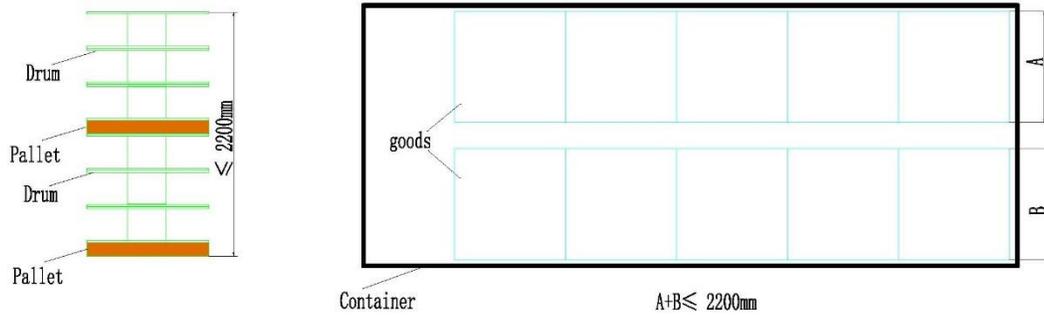
Before signing a contract, customers should determine the cable TDS, and agree to use which kind of packaging for delivery. If using reels, the customer should know the main dimension of reels, in order to ensure that the reels can be used normally after receipt. Reels have the three main dimensions: flange diameter D , reel width L , and core diameter d .



Recommended reel design means that the flange is less than 500mm and the core diameter is not more than 50 mm. If the flange is greater than 500mm, the core diameter should be 80 mm. Also the width of the reel is designed according to the cable length which is to be loaded. Normally, design range of 200 ~ 1200mm flange diameter, the width of reel design range is 200 ~ 200mm.

Whether in reels or rolls of cables, the outside of the packaging needs to be parceled cushions, foam membrane and self-adhesive film, so as to protect the cleanliness of the cable, and to ensure that it is not damaged.

Wrapped cable reels should be placed and fixed on pallet package, in order to allow forklift transportation to containers. Container loading is height controlled in each position of usually 2 ~ 3 pallets, with each level generally not more than 1.1 m, while total height should not be more than 2.2m. Width control generally uses two positions of pallets, and the total width should not be more than 2.2m.



During transportation, care should be taken so that reels and pallets are not damaged. When necessary, use foam pads and inflatable bags between pallets and reels.

For domestic open vehicle transportation, tarpaulin cover should be used on cables, in order to avoid effects of the weather, and follow traffic regulations must be followed, relevant to the loading height and width. Air transportation shall be carried out in accordance with the air transportation requirements. No matter which transport method is used, adherence to strict laws and regulations of cargo transportation should be employed.